Statistical Series (ST) 2003-60B

EUB

Upstream Petroleum Industry Flaring and Venting Report

Industry Performance for Year Ending December 31, 2002

September 2003

Alberta Energy and Utilities Board

Statistical Series (ST) 2003-60B

104-02437/

Upstream Petroleum Industry Flaring and Venting Report

Industry Performance for
Year Ending December 31, 2002

September 2003

ALBERTA ENERGY AND UTILITIES BOARD
Statistical Series (ST) 2003-60B: Upstream Petroleum Industry Flaring and Venting Report, 2002

September 2003

Published by
Alberta Energy and Utilities Board
640 – 5 Avenue SW
Calgary, Alberta
T2P 3G4

Telephone: (403) 297-8311
Fax: (403) 297-7040

Web site: <www.eub.gov.ab.ca>

Contents

1 Introduction 1
2 Summary 2
3 Flaring from Upstream Oil and Gas Sources 3
4 Venting from Upstream Oil and Gas Sources 5
5 Solution Gas Conserved, and Flared and Vented (1993-2002) 7
6 Solution Gas Flaring and Venting Performance versus Targets 9
7 Solution Gas Emissions Ranking of Operators in Alberta for 2002 11
8 Map of EUB Field Centres 12
9 Tables 12
Largest Solution Gas Producers 2002 Conservation Performance 13
Largest Solution Gas Venters 2002 Conservation Performance 15
Provincial Ranking by Solution Gas Flared Plus Vented 17
Field Centre Rankings by Solution Gas Flared Plus Vented 33
Bonnyville 33
Drayton Valley 34
Grande Prairie 39
Medicine Hat 43
Midnapore 47
Red Deer 51
St. Albert 57
Wainwright 63

1 Introduction

This is the fourth annual flaring and venting report issued by the Alberta Energy and Utilities Board (EUB). Its purpose is to report on flaring and venting volumes in 2002 and reflect trends in conservation initiatives. It also aims to increase awareness of flaring and venting volumes throughout Alberta and encourage further gas conservation.

The report provides a summary of flared and vented volumes for the various oil and gas industry sources, i.e., well tests, gas plants, gas gathering systems, transmission lines, and batteries (oil, bitumen, and gas). It also reports in detail on solution gas (gas from oil and bitumen batteries) conserved, flared, and vented during 2002. Solution gas is the largest source of flaring and venting in Alberta, accounting for 66 per cent of the total.

Tables in Section 9 show a company's ranking compared to other companies based on the volume of solution gas flared **plus** vented, solution gas flared, and solution gas vented, from crude oil and bitumen batteries. This is a change from previous reports, in which companies were ranked first by solution gas flared, rather than flared plus vented. The companies are ranked provincially and by EUB Field Centre area.

The EUB compiles these annual data from monthly production data operators are required to submit. The EUB continues to emphasize the need for operators to report flared and vented volumes accurately.

Before publication of this report, operators were given an opportunity (as described in *General Bulletin [GB] 2003-17: Statistical Series (ST) 60A: Crude Oil and Crude Bitumen Batteries Annual Flaring, Venting and Production Data Request for Amendments*) to verify the volumes of solution gas flared and vented submitted to the EUB for 2002.

For information on flaring and venting requirements, see *Guide 60* or contact Michael Brown, EUB Operations Group, at (403) 297-8412. If you have questions regarding this report, please contact Doug Innes, EUB Operations Group, at (403) 297-4544.

2 Summary

As the following data show, industry has made considerable progress in reducing flaring and venting volumes from all upstream oil and gas sources.

	2001		2002		Reduction		
Source	10^6 m^3	(MMcf)	10^6 m^3	(MMcf)	10^6 m^3	(MMcf)	(%)
Solution gas flaring	624	(22 148)	514	(18 244)	110	(3 904)	18
Solution gas venting	600	(21 296)	502	(17 818)	98	(3 478)	16
Subtotal	1224	(43 444)	1016	(36 062)	208	(7 382)	17
Well test flaring	326	(11 571)	280	(9 938)	46	(1 633)	14
Other sources	289	(10 258)	249	(8 838)	40	(1 420)	14
Total	1839	(65 273)	1545	(54 838)	294	(10 435)	16

The flaring of solution gas has been reduced by 62 per cent from the 1996 flaring baseline of 1340 million cubic metres (10^6 m^3) (47 562 million cubic feet [MMcf]). The venting of solution gas has been reduced by 29 per cent from the 2000 venting baseline of 704 10^6 m^3 (24 988 MMcf). The volume of solution gas flared and vented has declined from the 1996 volume of 1808 10^6 m^3 (64 173 MMcf) to 1016 10^6 m^3 (36 062 MMcf) in 2002, an overall decrease of 44 per cent.

The Alberta petroleum industry has made significant progress in reducing flaring in the province, and the EUB believes that opportunities exist to reduce venting, which will lead to a higher level of solution gas conservation.

The EUB is particularly concerned about the solution gas venting volume from crude bitumen batteries (343 10^6 m^3 [12 174 MMcf] in 2002) and has initiated a number of measures to achieve a reduction, including the publication of *General Bulletin (GB) 2002-5: EUB Requirements for Evaluation of Solution Gas Vent Gas Conservation.*

The significant reductions in flaring and venting that industry has achieved in 2002 can be attributed to the concerted efforts of operators, the work done by the Clean Air Strategic Alliance (CASA) Flaring/Venting Project Team, publication of the annual flaring and venting report, high commodity prices, and the development and enforcement of EUB *Guide 60: Upstream Petroleum Industry Flaring Guide*. This includes restricting flare volumes at conserving facilities for turnarounds and emergency flaring, restrictions on flared volumes under the New Oil Well Production Period (NOWPP) program, and minimizing flaring on new development wells in conserving pools.

3 Flaring from Upstream Oil and Gas Sources

Figure 1 shows flaring volumes broken down by source for 1999 to 2002. The total volume flared from all sources in 2002 was 1004 10^6 m^3 (35 636 MMcf), a reduction of 16 per cent from the 1200 10^6 m^3 (42 592 MMcf) flared in 2001.

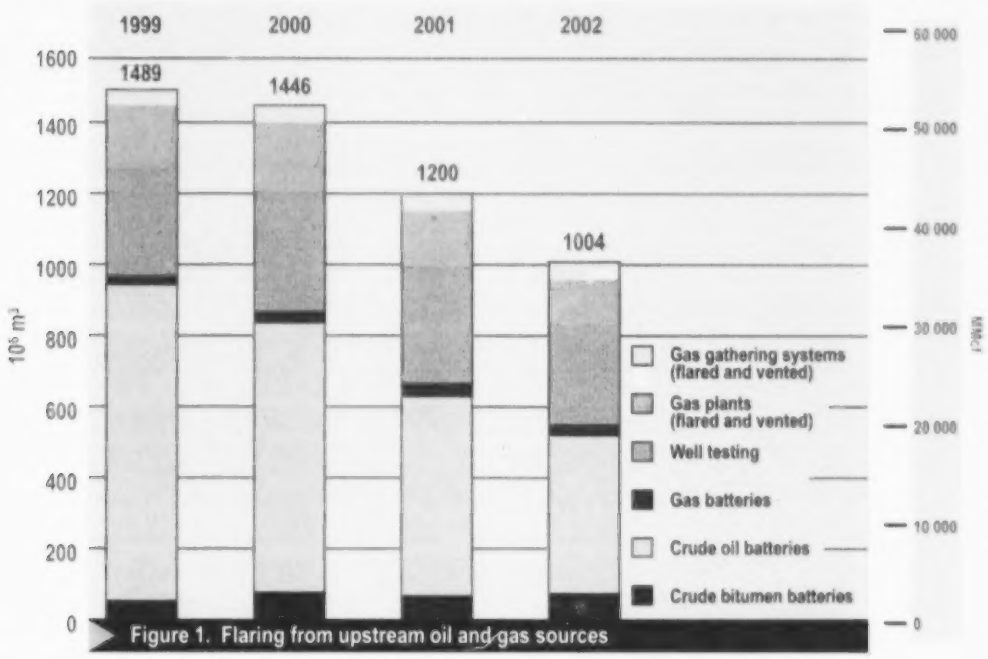


Figure 1. Flaring from upstream oil and gas sources

The following data were used to prepare Figure 1:

Source	Flaring volume 10^6 m^3				Change (%)
	1999	2000	2001	2002	2002 vs. 2001
Gas gathering systems (flared and vented)	43	48	50	48	-4
Gas plants (flared and vented)	179	196	159	127	-20
Well testing	301	335	326	280	-14
Gas batteries	28	36	41	35	-15
Crude oil batteries	886	755	558	441	-21
Crude bitumen batteries	52	76	66	73	+11
Total	1 489	1 446	1 200	1 004	-16
(Imperial units-MMcf)	(52 850)	(51 324)	(42 592)	(35 636)	

For comparison purposes, the solution gas flared from crude oil and crude bitumen batteries in 2002 was 514 10^6 m^3 (18 244 MMcf), representing 51 per cent of the total gas flared in Alberta. The same battery types flared 624 10^6 m^3 (22 148 MMcf) in 2001, which was 52 per cent of the total gas flared in the province. Flaring from crude bitumen batteries increased by 7 10^6 m^3 (248 MMcf) (11 per cent) in 2002 compared to 2001. Further analysis of solution gas flaring volumes is given in Sections 5 and 6.

The volumes shown for gas plants and gas gathering systems represent gas flared **and** vented.

In 2002, 625 gas plants flared or vented a total of 127 10^6 m^3 (4508 MMcf), a decrease of 32 10^6 m^3 (1136 MMcf) from 2001 (20 per cent). Only one plant flared volumes greater than 5 10^6 m^3/year (177 MMcf/year), compared to 5 plants in 2001 and 9 plants in 2000. A total of 36 plants flared greater than 1 10^6 m^3/year (35 MMcf/year), while a total of 33 plants accounted for approximately 50 per cent of the flared volumes in 2002.

In 2002, 2154 gas gathering systems (GGS) were responsible for a flaring/venting volume of 48 10^6 m^3 (1704 MMcf), a decrease of 2 10^6 m^3 (71 MMcf) (4 per cent) from 2001. A total of 24 GGS flared or vented greater than 0.5 10^6 m^3/year (18 MMcf/year). This accounted for approximately 50 per cent of the total volume flared/vented from GGS in 2002.

The flaring from well testing decreased from 326 10^6 m^3 (11 571 MMcf) in 2001 to 280 10^6 m^3 (9938 MMcf) in 2002, a decrease of 14 per cent. A total of 2543 well tests were conducted in-line in 2002, a decrease of 355 compared to 2001. When the tests conducted in-line are excluded, the number of well tests flared or vented were 4105 and 5972 for 2002 and 2001 respectively. This is a decrease of 31 per cent and likely accounts for the reduction in flaring and venting from well tests in 2002.

The following data show the emissions from well tests conducted by 25 companies in 2002 and the average volume of gas flared per test.

2002 WELL TEST EMISSIONS - RANKED BY NUMBER OF WELL TESTS CONDUCTED

COMPANY	WELL TESTS (#)	GAS FLARED (1000 m^3)	GAS VENTED (1000 m^3)	AVERAGE GAS FLARED/TEST (1000 m^3)
ENCANA CORPORA	**441**	23,280.2	32.8	52.8
CDN HUNTER	**235**	21,129.9	10.3	89.9
BURLINGTON RES	**209**	23,268.8	0.0	111.3
APACHE CANADA	**209**	5,712.1	0.0	27.3
CONOCOPHIL RES	**190**	9,647.3	0.0	50.8
TALISMAN ENERG	**132**	13,160.7	75.7	99.7
CANNAT RES	**117**	2,304.0	0.0	19.7
CDN NAT RES	**113**	2,463.5	388.0	21.8
ENCANA O & G	**112**	3,860.6	185.8	34.5
HUSKY OIL OPER	**109**	7,626.6	114.7	70.0
ANADARKO CANAD	**98**	8,629.1	0.0	88.1
PENN WEST PETR	**95**	1,623.0	46.6	17.1
PARAMOUNT RES	**87**	8,415.5	0.0	96.7
DEVON ARL CORP	**68**	10,456.4	0.0	153.8
NORTHROCK RES	**65**	8,744.0	0.0	134.5
CENTRICA CANAD	**65**	1,334.6	231.4	20.5
EXXONMOBILCANR	**58**	7,462.8	0.0	128.7
PEYTO EXPLORAT	**58**	6,374.1	0.0	109.9
DEVON CANADA C	**58**	3,147.0	0.0	54.3
VIKING ENERGY	**56**	147.3	4.0	2.6
VINTAGE PETROL	**52**	1,774.9	0.0	34.1
BP CANADA ENER	**50**	2,623.5	0.0	52.5
COMPTON PETROL	**40**	1,701.3	24.0	42.5
VERMILION RES	**33**	3,480.7	0.0	105.5
PRIMEWEST GAS	**30**	3,678.2	0.0	122.6
SUBTOTAL	**2780**	**182,046.1 (6461 MMcf)**	**1,113.3 (40 MMcf)**	
% OF TOTAL WELL TESTS	**67.7%**	**65.0%**	**40.8%**	

4 Venting from Upstream Oil and Gas Sources

Figure 2 shows venting volumes broken down by source for 1999 to 2002. The total volume vented from all upstream oil and gas sources in 2002 was 541 10^6 m^3 (19 202 MMcf), a decrease of 98 10^6 m^3 (3478 MMcf), or 15 per cent, from 2001.

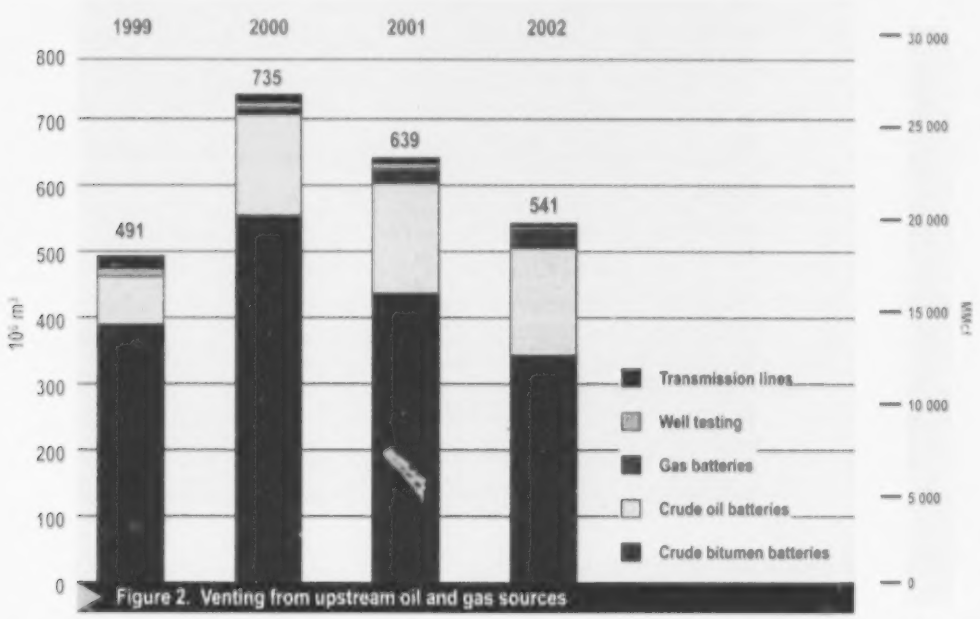


Figure 2. Venting from upstream oil and gas sources

The following data were used to prepare Figure 2:

Venting from upstream oil and gas sources

Source	Venting volume 10^6 m^3 1999	2000	2001	2002	Change (%) 2002 vs. 2001
Transmission lines	19	12	8	5	-38
Well testing	11	7	7	3	-57
Gas batteries	2	12	24	31	+29
Crude oil batteries	70	150	164	159	-3
Crude bitumen batteries	389	554	436	343	-21
Total	491	735	639	541	-15
(Imperial units-MMcf)	(17 427)	(26 088)	(22 680)	(19 202)	

The solution gas vented from crude oil and crude bitumen batteries was 502 10^6 m^3 (17 818 MMcf) in 2002, or 93 per cent of the total gas vented. This compares to 94 per cent in 2001. The venting from gas batteries, transmission lines, and well testing was 39 10^6 m^3 (1384 MMcf) in 2002, or 7 per cent of the total gas vented (up from 6 per cent in 2001). Further analysis of solution gas venting volumes is covered in Sections 5 and 6.

The most significant source of venting is primary crude bitumen projects, where solution gas is vented from the production casing annulus at a large number of individual wells. Small volumes of solution gas are also vented from treaters and stock tanks at crude oil and crude bitumen batteries.

As a result of industry implementing conservation schemes, venting from crude bitumen projects has decreased from 436 10^6 m^3 (15 475 MMcf) in 2002 to 343 10^6 m^3 (12 174 MMcf) in 2001 (21 per cent).

Venting during well testing is primarily from shallow, sweet, low-deliverability gas wells.

The EUB is encouraged to see that operators continue to increase their efforts to more accurately measure the volume of gas being vented from the annulus of heavy oil/bitumen wells. The data also indicate that it is necessary for heavy oil operators to include gas conservation in the planning stages of new primary recovery projects and implement gas conservation at an early date. The EUB intends to continue actively pursuing the conservation of vented solution gas, particularly at heavy oil projects.

5 Solution Gas Conserved, and Flared and Vented (1993-2002)

Figure 3 shows the percentage of solution gas conserved and the volume flared and vented for each year from 1993 to 2002.

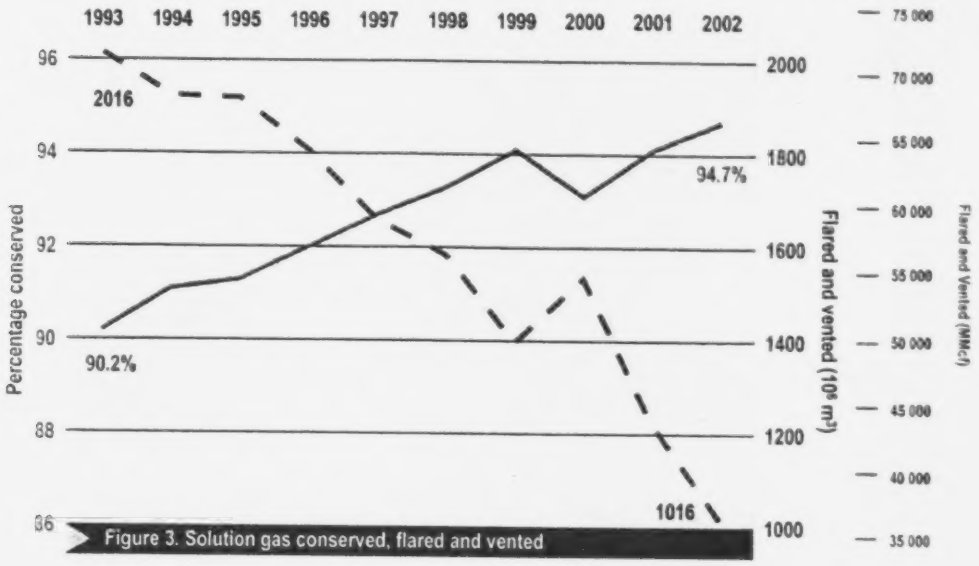


Figure 3. Solution gas conserved, flared and vented

All crude oil and crude bitumen batteries (including experimental batteries) were used in calculating the percentage of solution gas conserved. Gas conserved includes gas delivered to a pipeline for sale and that used as fuel for facilities and equipment, as well as for alternative uses, such as power generation.

Industry achieved a 94.7 per cent solution gas conservation rate in 2002 compared to 94.1 per cent in 2001. This is the best conservation rate achieved to date.

The flaring of solution gas has been reduced to 514 10^6 m^3 (18 244 MMcf) in 2002. This is a reduction of 62 per cent from the 1996 flaring baseline (1340 10^6 m^3 [47 562 MMcf]) and exceeds the 2002 target of a 50 per cent reduction.

Solution gas venting was 502 10^6 m^3 (17 818 MMcf) in 2002, a reduction of 202 10^6 m^3 (7170 MMcf) (29 per cent) from the 2000 venting baseline (704 10^6 m^3 [24 988 MMcf]).

Figure 4 shows the volume of solution gas flared and vented in relation to the solution gas conserved in 2002.

The following data were used to prepare Figures 3 and 4:

Solution gas produced, flared and vented, and conserved

	Produced		Flared and vented		Conserved		
Year	10^6 m^3	(MMcf)	10^6 m^3	(MMcf)	10^6 m^3	(MMcf)	Conserved (%)
1993	20 588	(730 745)	2016	(71 555)	18 572	(659 189)	90.2
1994	21 591	(766 345)	1924	(68 290)	19 667	(698 055)	91.1
1995	22 084	(783 843)	1919	(68 112)	20 165	(715 731)	91.3
1996	22 709	(806 027)	1808	(64 173)	20 901	(741 854)	92.0
1997	22 784	(808 689)	1658	(58 849)	21 126	(749 840)	92.7
1998	23 585	(837 119)	1583	(56 187)	22 002	(780 933)	93.3
1999	23 705	(841 379)	1396	(49 549)	22 309	(791 829)	94.1
2000	22 102	(784 482)	1534	(54 447)	20 568	(730 035)	93.1
2001	20 770	(737 205)	1224	(43 444)	19 546	(693 760)	94.1
2002	19 345	(686 626)	1016	(36 062)	18 329	(650 564)	94.7

The volume of solution gas flared and vented has declined from the 1996 volume of 1808 10^6 m^3 (64 173 MMcf), to 1016 10^6 m^3 (36 062 MMcf) in 2002, an overall decrease of 44 per cent. This is a decrease of 17 per cent from 2001. In 2002, 6015 of 7545 crude oil and crude bitumen batteries reported flaring or venting of solution gas, compared to 5954 of 7394 in 2001.

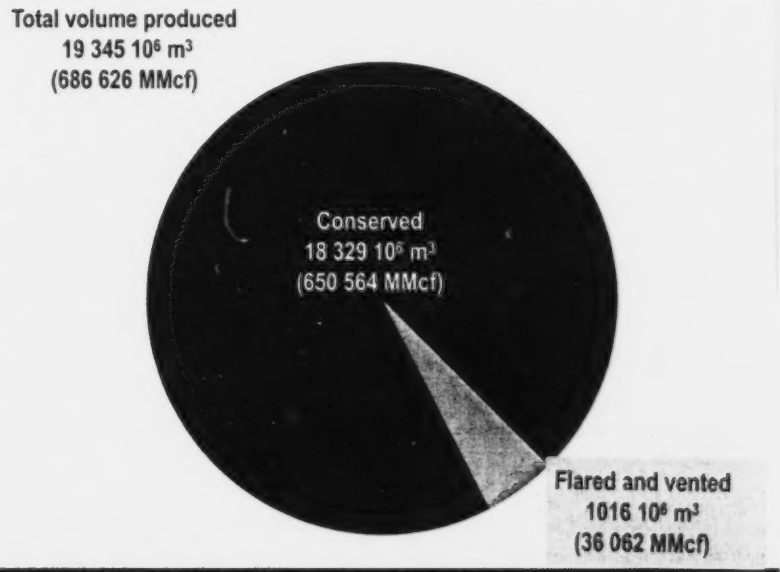


Figure 4. Solution gas flared and vented in 2002

However, the volume of solution gas produced in 2002 was 19 345 10^6 m^3 (686 626 MMcf), a decrease of 7 per cent from 2001. This decrease in solution gas produced can be attributed to a 6 per cent reduction in total oil plus in situ bitumen production in 2002 compared to 2001. Another factor influencing this decrease is the overall reduction in gas/oil ratio (GOR) due to decreased conventional oil production (7 per cent) in 2002 compared to 2001.

6 Solution Gas Flaring and Venting Performance versus Targets

The EUB has concluded that flaring of solution gas has been reduced by approximately 62 per cent from 1996 (flaring baseline). A summary of the targets and actual reductions for the past four years is given below:

Solution gas flaring reduction schedule

Year	Year target established	Firm target reduction (%)	Actual reduction (%)
1999	—	None established	30
2000	1999	15	38
2001	1999	25	53
2002	2002	50	62

A breakdown of solution gas flaring and venting volumes for the last four years follows:

	Flaring		Venting	
Year	10^6 m^3	(MMcf)	10^6 m^3	(MMcf)
1999	938	(33 293)	459	(16 292)
2000	831	(29 495)	704	(24 988)
2001	624	(22 148)	600	(21 296)
2002	514	(18 244)	502	(17 818)

CASA is currently reviewing solution gas flaring and venting targets for year-end 2003 and beyond.

Progress has been made in reducing solution gas flaring; however, gas conservation at crude bitumen batteries is only 72 per cent, compared to 97 per cent at crude oil batteries. Crude bitumen batteries account for 416 10^6 m^3/year (14 765 MMcf/year) of solution gas flared and vented volumes, including 343 10^6 m^3/year (12 174 MMcf/year) of vented volumes. The EUB is particularly concerned about this volume of solution gas venting and has initiated a number of measures designed to achieve a reduction.

General Bulletin (GB) 2002-5: EUB Requirements for Evaluation of Solution Gas Vent Gas Conservation gave information about future requirements for decision-tree evaluation of solution gas venting, as recommended by the CASA Flaring/Venting Project Team. The GB provided notification of upcoming requirements, including that all existing sources of vented gas greater than

- 800 m^3/day (28 Mcf/day) be evaluated during 2002 and, if economic, be conserved by December 31, 2003, and
- 500 m^3/day (18 Mcf/day) be evaluated during 2003 and, if economic, be conserved by December 31, 2004.

A requirement of *Guide 60* is that operators of new oil and bitumen batteries must complete a flaring management decision-tree analysis if either flaring or venting is proposed. The decision-tree analysis information requires the operator to assess the viability of gas conservation and determine if flaring or venting of solution gas will be allowed at a new oil or bitumen battery. If conservation of solution gas is economic at new oil or bitumen batteries, it is expected that it will be in place at project start-up.

Development wells completed in pools where gas conservation exists must be tied into the gas gathering system within one month.

The Alberta petroleum industry has made significant progress in reducing flaring in the province, and the EUB believes that opportunities exist to reduce venting, which will lead to a higher level of solution gas conservation.

7 Solution Gas Emissions Ranking of Operators in Alberta for 2002

The EUB has ranked companies based on flared plus vented solution gas, flared solution gas, and vented solution gas from crude oil and crude bitumen batteries. The tables in Section 9 provide information on individual companies. The second column in the tables shows the percentage of solution gas conserved by an operator. Individual operators can be compared to the provincial average of 94.7 per cent solution gas conservation.

Two tables show the largest solution gas producers in Alberta and the largest solution gas venters, giving their conservation performance and their production volumes as a percentage of the provincial total.

Note that it is possible for an operator to flare or vent a significant volume of solution gas due to the magnitude of the company's operations and still have a high percentage of gas conserved.

In this analysis, all crude oil and crude bitumen batteries have been included except for batteries that had an experimental well reporting fluid production in a month. The information on experimental wells remains confidential.

Companies are also ranked provincewide and within each EUB Field Centre area. The following describes the fields that appear in the ranking tables:

COMPANY—abbreviated company name

GAS CONS—percentage of solution gas conserved

GAS FLARED + VENTED (1000 m^3)—solution gas flared plus vented from crude oil and crude bitumen batteries

GAS FLARED + VENTED RANK—the company's ranking compared to other companies based on the volume of solution gas flared plus vented

GAS FLARED (1000 m^3)—solution gas flared from crude oil and crude bitumen batteries

FLARE RANK—the company's ranking compared to other companies based on the volume of solution gas flared

GAS VENTED (1000 m^3)—solution gas vented from crude oil and crude bitumen batteries

VENT RANK—the company's ranking compared to other companies based on the volume of solution gas vented

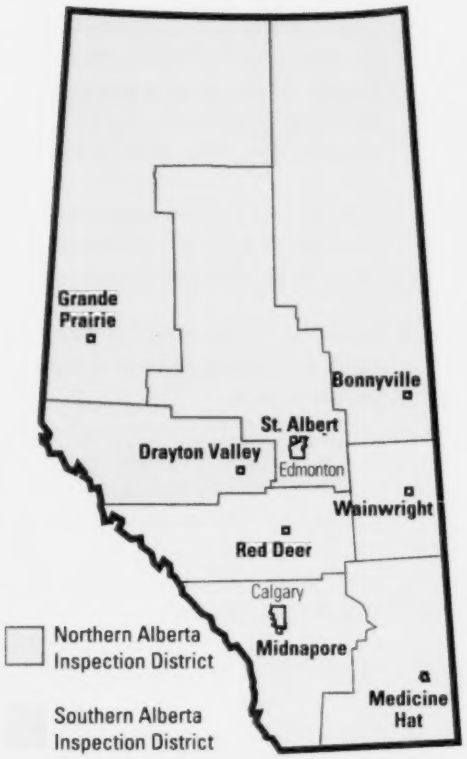
OIL PROD (m^3)—crude oil and in situ crude bitumen produced in 2002

SOLN GAS PROD (1000 m^3)—volume of solution gas produced from crude oil and crude bitumen batteries

SOLN GAS RANK—the company's ranking compared to other companies based on the volume of solution gas produced.

8 Map of EUB Field Centres

- Bonnyville
- Drayton Valley
- Grande Prairie
- Medicine Hat
- Midnapore
- Red Deer
- St. Albert
- Wainwright



In the tables that follow, the companies are ranked and listed based on solution gas flared plus vented from facilities operated by the company in 2002. Each table gives a total for the Field Centre area covered at the end of the data.

9 Tables

Largest Solution Gas Producers 2002 Conservation Performance

Largest Solution Gas Venters 2002 Conservation Performance

Provincial Ranking by Solution Gas Flared Plus Vented

Field Centre Rankings by Solution Gas Flared Plus Vented

Largest Solution

LARGEST SOLUTION GAS PRODUCERS - 2002 CONSERVATION PERFORMANCE[1] (RANKED BY GAS CONS)
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)	SOLN GAS RANK
CANADIAN NATURAL RESOURCES LIMITED	**71.8%**	318,261.5	1	55,421.0	1	262,840.5	1	8,480,510.4	**1,129,883.1**	**4**
DEVON CANADA	**92.2%**	59,837.0	3	20,537.4	4	39,299.6	3	2,634,222.0	**768,428.1**	**7**
PRIMEWEST ENERGY INC.	**92.2%**	14,359.4	10	13,636.5	7	722.9	33	423,807.6	**183,734.4**	**23**
NORTHROCK RESOURCES LTD.	**93.6%**	8,950.1	19	6,867.5	17	2,082.6	22	227,694.6	**140,933.3**	**25**
ENERMARK INC.	**94.0%**	19,774.1	7	14,601.2	6	5,172.9	13	830,434.5	**327,195.8**	**18**
TALISMAN ENERGY INC.	**95.4%**	24,688.2	6	13,269.4	8	11,418.8	7	1,493,746.4	**536,087.9**	**10**
ANADARKO CANADA CORPORATION	**95.4%**	10,798.8	17	4,801.2	23	5,997.6	9	1,065,052.0	**233,609.4**	**22**
APACHE CANADA LTD.	**95.9%**	16,700.8	9	13,132.9	9	3,567.9	15	1,477,980.9	**403,643.8**	**14**
PARAMOUNT RESOURCES LTD.	**95.9%**	6,749.6	25	5,469.7	21	1,279.9	27	200,223.5	**163,662.4**	**24**
ENCANA OIL & GAS PARTNERSHIP	**96.5%**	44,639.9	4	31,513.3	2	13,126.6	6	5,634,051.7	**1,280,196.6**	**3**
ARC RESOURCES LTD.	**96.6%**	9,351.3	18	7,044.9	16	2,306.4	20	708,878.6	**277,197.1**	**19**
ACCLAIM ENERGY INC.	**97.1%**	6,847.1	24	6,491.9	19	355.2	55	342,859.6	**238,821.7**	**21**
HUSKY OIL OPERATIONS LIMITED	**97.2%**	71,474.6	2	23,413.6	3	48,061.0	2	4,404,927.7	**2,569,552.6**	**1**
PENN WEST PETROLEUM LTD.	**97.2%**	25,173.6	5	19,552.2	5	5,621.4	11	1,682,497.8	**893,531.9**	**5**
BURLINGTON RESOURCES CANADA LTD.	**97.6%**	6,703.2	26	6,661.0	18	42.2	139	233,690.5	**274,883.7**	**20**
CONOCOPHILLIPS CANADA RESOURCES CORP.	**97.7%**	12,183.5	14	9,774.3	12	2,409.2	18	1,040,303.3	**519,453.9**	**12**
MARATHON CANADA LIMITED	**98.0%**	11,050.9	16	10,453.2	10	597.7	38	266,831.2	**562,903.2**	**9**
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	**98.0%**	8,122.8	21	5,080.2	22	3,042.6	16	1,149,761.7	**400,133.2**	**15**
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	**98.8%**	8,732.7	20	3,052.1	42	5,680.6	10	982,049.4	**746,351.8**	**8**
PETRO-CANADA	**99.4%**	2,790.0	52	2,734.1	46	55.9	124	343,509.1	**468,564.8**	**13**
NAL RESOURCES LIMITED	**99.5%**	2,062.4	58	2,042.9	50	19.5	158	366,468.2	**376,025.5**	**16**
CHEVRON CANADA LIMITED	**99.6%**	3,746.8	40	3,195.4	37	551.4	43	1,257,684.8	**884,871.6**	**6**
PENGROWTH CORPORATION	**99.6%**	1,224.2	89	978.5	88	245.7	65	717,108.6	**343,409.5**	**17**
IMPERIAL OIL RESOURCES	**99.7%**	4,763.6	29	3,391.4	34	1,372.2	26	7,783,271.7	**1,726,403.8**	**2**
BP CANADA ENERGY COMPANY	**99.8%**	1,158.4	92	1,014.3	86	144.1	88	95,978.8	**521,461.1**	**11**
SUBTOTAL	**95.6%**	**700,144.5**		**284,130.1**		**416,014.4**		**43,843,544.6**	**15,970,940.2**	
% OF PROVINCIAL TOTAL		**69.9%**		**56.8%**		**83.0%**		**78.8%**	**82.8%**	

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

Largest Solution

LARGEST SOLUTION GAS VENTERS - 2002 CONSERVATION PERFORMANCE[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
CANADIAN NATURAL RESOURCES LIMITED	71.8%	318,261.5	1	55,421.0	1	262,840.5	1	8,480,510.4	1,129,883.1
HUSKY OIL OPERATIONS LIMITED	97.2%	71,474.6	2	23,413.6	3	48,061.0	2	4,404,927.7	2,569,552.6
DEVON CANADA	92.2%	59,837.0	3	20,537.4	4	39,299.6	3	2,634,222.0	768,428.1
PETROVERA RESOURCES LIMITED	53.4%	14,257.1	11	26.2	279	14,230.9	4	323,385.2	30,589.5
NEXEN CANADA LTD.	51.4%	13,872.7	12	0.1	343	13,872.6	5	113,274.4	28,533.5
ENCANA OIL & GAS PARTNERSHIP	96.5%	44,639.9	4	31,513.3	2	13,126.6	6	5,634,051.7	1,280,196.6
TALISMAN ENERGY INC.	95.4%	24,688.2	6	13,269.4	8	11,418.8	7	1,493,746.4	536,087.9
BONAVISTA PETROLEUM LTD.	87.2%	17,331.6	8	8,143.6	13	9,188.0	8	869,633.4	135,159.2
ANADARKO CANADA CORPORATION	95.4%	10,798.8	17	4,801.2	23	5,997.6	9	1,065,052.0	233,609.4
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	98.8%	8,732.7	20	3,052.1	42	5,680.6	10	982,049.4	746,351.8
PENN WEST PETROLEUM LTD.	97.2%	25,173.6	5	19,552.2	5	5,621.4	11	1,682,497.8	893,531.9
MURPHY OIL COMPANY LTD.	89.5%	5,935.1	28	406.3	126	5,528.8	12	127,527.9	56,548.8
ENERMARK INC.	94.0%	19,774.1	7	14,601.2	6	5,172.9	13	830,434.5	327,195.8
NCE PETROFUND CORP.	87.4%	11,549.5	15	7,299.3	14	4,250.2	14	309,301.8	91,452.1
APACHE CANADA LTD.	95.9%	16,700.8	9	13,132.9	9	3,567.9	15	1,477,980.9	403,643.8
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	98.0%	8,122.8	21	5,080.2	22	3,042.6	16	1,149,761.7	400,133.2
BAYTEX ENERGY LTD.	53.2%	6,977.9	23	4,373.6	28	2,604.3	17	326,563.2	14,895.1
CONOCOPHILLIPS CANADA RESOURCES CORP.	97.7%	12,183.5	14	9,774.3	12	2,409.2	18	1,040,303.3	519,453.9
STORM ENERGY LTD.	47.0%	12,599.9	13	10,226.3	11	2,373.6	19	448,928.3	23,758.3
ARC RESOURCES LTD.	96.6%	9,351.3	18	7,044.9	16	2,306.4	20	708,878.6	277,197.1
CONNACHER OIL AND GAS LIMITED	9.0%	2,300.8	55	216.8	162	2,084.0	21	18,765.5	2,527.9
NORTHROCK RESOURCES LTD.	93.6%	8,950.1	19	6,867.5	17	2,082.6	22	227,694.6	140,933.3
SIGNALTA RESOURCES LIMITED	80.3%	3,102.0	46	1,132.1	81	1,969.9	23	50,091.0	15,763.9
CEQUEL ENERGY INC.	94.1%	4,067.9	35	2,147.7	48	1,920.2	24	93,171.5	68,951.8
SKYLIGHT ENERGY RESOURCES LTD.	61.3%	1,623.6	71	143.7	193	1,479.9	25	10,343.1	4,190.0
SUBTOTAL	**93.2%**	**732,307.0**		**262,176.9**		**470,130.1**		**34,503,096.3**	**10,698,568.6**
% OF PROVINCIAL TOTAL		**73.1%**		**52.4%**		**93.8%**		**62.0%**	**55.4%**

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
CANADIAN NATURAL RESOURCES LIMITED	71.8%	**318,261.5**	**1**	55,421.0	1	262,840.5	1	8,480,510.4	1,129,883.1
HUSKY OIL OPERATIONS LIMITED	97.2%	**71,474.6**	**2**	23,413.6	3	48,061.0	2	4,404,927.7	2,569,552.6
DEVON CANADA	92.2%	**59,837.0**	**3**	20,537.4	4	39,299.6	3	2,634,222.0	768,428.1
ENCANA OIL & GAS PARTNERSHIP	96.5%	**44,639.9**	**4**	31,513.3	2	13,126.6	6	5,634,051.7	1,280,196.6
PENN WEST PETROLEUM LTD.	97.2%	**25,173.6**	**5**	19,552.2	5	5,621.4	11	1,682,497.8	893,531.9
TALISMAN ENERGY INC.	95.4%	**24,688.2**	**6**	13,269.4	8	11,418.8	7	1,493,746.4	536,087.9
ENERMARK INC.	94.0%	**19,774.1**	**7**	14,601.2	6	5,172.9	13	830,434.5	327,195.8
BONAVISTA PETROLEUM LTD.	87.2%	**17,331.6**	**8**	8,143.6	13	9,188.0	8	869,633.4	135,159.2
APACHE CANADA LTD.	95.9%	**16,700.8**	**9**	13,132.9	9	3,567.9	15	1,477,980.9	403,643.8
PRIMEWEST ENERGY INC.	92.2%	**14,359.4**	**10**	13,636.5	7	722.9	33	423,807.6	183,734.4
PETROVERA RESOURCES LIMITED	53.4%	**14,257.1**	**11**	26.2	279	14,230.9	4	323,385.2	30,589.5
NEXEN CANADA LTD.	51.4%	**13,872.7**	**12**	0.1	343	13,872.6	5	113,274.4	28,533.5
STORM ENERGY LTD.	47.0%	**12,599.9**	**13**	10,226.3	11	2,373.6	19	448,928.3	23,758.3
CONOCOPHILLIPS CANADA RESOURCES CORP.	97.7%	**12,183.5**	**14**	9,774.3	12	2,409.2	18	1,040,303.3	519,453.9
NCE PETROFUND CORP.	87.4%	**11,549.5**	**15**	7,299.3	14	4,250.2	14	309,301.8	91,452.1
MARATHON CANADA LIMITED	98.0%	**11,050.9**	**16**	10,453.2	10	597.7	38	266,831.2	562,903.2
ANADARKO CANADA CORPORATION	95.4%	**10,798.8**	**17**	4,801.2	23	5,997.6	9	1,065,052.0	233,609.4
ARC RESOURCES LTD.	96.6%	**9,351.3**	**18**	7,044.9	16	2,306.4	20	708,878.6	277,197.1
NORTHROCK RESOURCES LTD.	93.6%	**8,950.1**	**19**	6,867.5	17	2,082.6	22	227,694.6	140,933.3
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	98.8%	**8,732.7**	**20**	3,052.1	42	5,680.6	10	982,049.4	746,351.8
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	98.0%	**8,122.8**	**21**	5,080.2	22	3,042.6	16	1,149,761.7	400,133.2
VINTAGE PETROLEUM CANADA, INC.	87.4%	**7,603.5**	**22**	7,219.4	15	384.1	54	230,500.6	60,116.6
BAYTEX ENERGY LTD.	53.2%	**6,977.9**	**23**	4,373.6	28	2,604.3	17	326,563.2	14,895.1
ACCLAIM ENERGY INC.	97.1%	**6,847.1**	**24**	6,491.9	19	355.2	55	342,859.6	238,821.7
PARAMOUNT RESOURCES LTD.	95.9%	**6,749.6**	**25**	5,469.7	21	1,279.9	27	200,223.5	163,662.4
BURLINGTON RESOURCES CANADA LTD.	97.6%	**6,703.2**	**26**	6,661.0	18	42.2	139	233,690.5	274,883.7
SHININGBANK ENERGY LTD.	95.2%	**6,419.4**	**27**	6,231.6	20	187.8	77	91,851.4	134,766.3
MURPHY OIL COMPANY LTD.	89.5%	**5,935.1**	**28**	406.3	126	5,528.8	12	127,527.9	56,548.8
IMPERIAL OIL RESOURCES	99.7%	**4,763.6**	**29**	3,391.4	34	1,372.2	26	7,783,271.7	1,726,403.8
VIKING KEYWEST INC.	91.6%	**4,651.7**	**30**	4,567.9	25	83.8	111	349,572.5	55,471.8

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
RIFE RESOURCES LTD.	92.7%	**4,649.4**	**31**	4,462.4	27	187.0	78	149,654.4	64,080.1
SHELL CANADA LIMITED	88.0%	**4,634.4**	**32**	4,634.4	24	0.0	E261	514,401.3	38,506.0
LEXXOR ENERGY INC.	68.6%	**4,553.3**	**33**	4,553.3	26	0.0	E261	64,668.1	14,502.3
TAURUS EXPLORATION CANADA LTD.	96.9%	**4,315.1**	**34**	3,780.1	31	535.0	44	159,646.9	140,769.2
CEQUEL ENERGY INC.	94.1%	**4,067.9**	**35**	2,147.7	48	1,920.2	24	93,171.5	68,951.8
ENTERRA ENERGY CORP.	32.9%	**3,956.1**	**36**	3,792.3	30	163.8	81	76,093.0	5,994.0
ZAPATA ENERGY CORPORATION	30.3%	**3,910.4**	**37**	3,763.0	32	147.4	86	42,830.9	5,614.0
JAPAN CANADA OIL SANDS LIMITED	0.0%	**3,903.5**	**38**	3,903.5	29	0.0	E261	267,932.5	2,244.7
VERMILION RESOURCES LTD.	92.6%	**3,775.4**	**39**	3,568.5	33	206.9	70	378,925.5	51,225.9
CHEVRON CANADA LIMITED	99.6%	**3,746.8**	**40**	3,195.4	37	551.4	43	1,257,684.8	884,871.6
COMPTON PETROLEUM CORPORATION	91.7%	**3,339.4**	**41**	3,302.0	35	37.4	143	156,421.2	40,247.3
MANCAL ENERGY INC.	47.9%	**3,292.7**	**42**	3,284.3	36	8.4	186	59,439.0	6,314.6
FORTUNE ENERGY INC.	33.3%	**3,272.7**	**43**	3,055.2	41	217.5	69	92,577.5	4,906.4
ACCLAIM WEST	92.1%	**3,163.6**	**44**	3,150.5	38	13.1	176	66,910.1	39,998.9
WESTCASTLE ENERGY INC.	43.6%	**3,141.4**	**45**	3,141.4	39	0.0	E261	103,053.1	5,571.4
SIGNALTA RESOURCES LIMITED	80.3%	**3,102.0**	**46**	1,132.1	81	1,969.9	23	50,091.0	15,763.9
DEVLAN EXPLORATION INC.	81.2%	**3,095.3**	**47**	3,095.3	40	0.0	E261	76,776.2	16,436.7
TIVERTON PETROLEUMS LTD.	58.0%	**3,020.3**	**48**	2,871.1	45	149.2	84	24,971.6	7,189.2
NAVIGO ENERGY INC.	90.8%	**2,924.2**	**49**	2,923.6	43	0.6	246	178,142.5	31,914.7
ACANTHUS RESOURCES LTD.	85.6%	**2,923.2**	**50**	2,918.4	44	4.8	201	59,316.9	20,229.8
SAMSON CANADA, LTD.	89.7%	**2,846.2**	**51**	1,900.4	54	945.8	29	47,669.4	27,545.6
PETRO-CANADA	99.4%	**2,790.0**	**52**	2,734.1	46	55.9	124	343,509.1	468,564.8
VIKING HOLDINGS INC.	95.0%	**2,436.6**	**53**	2,436.6	47	0.0	E261	325,049.6	48,725.5
VIRACOCHA ENERGY INC.	90.3%	**2,388.4**	**54**	1,742.1	60	646.3	34	104,599.6	24,506.8
CONNACHER OIL AND GAS LIMITED	9.0%	**2,300.8**	**55**	216.8	162	2,084.0	21	18,765.5	2,527.9
FORTE OIL CORPORATION	60.1%	**2,266.1**	**56**	1,296.7	72	969.4	28	71,220.7	5,682.6
PURCELL ENERGY LTD.	79.7%	**2,067.9**	**57**	2,067.9	49	0.0	E261	3,130.1	10,197.7
NAL RESOURCES LIMITED	99.5%	**2,062.4**	**58**	2,042.9	50	19.5	158	366,468.2	376,025.5
REAL RESOURCES	92.9%	**2,011.2**	**59**	1,937.1	52	74.1	114	151,263.0	28,227.0
FET RESOURCES LTD.	59.6%	**1,992.9**	**60**	1,874.7	55	118.2	97	44,789.4	4,929.3

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
PROVIDENT ACQUISITIONS INC.	86.3%	**1,984.3**	**61**	1,966.4	51	17.9	160	34,333.4	14,509.0
HUNT OIL COMPANY OF CANADA, INC.	94.4%	**1,980.1**	**62**	1,849.2	57	130.9	91	58,351.2	35,527.8
ETHOS ENERGY I	82.4%	**1,940.4**	**63**	1,839.3	58	101.1	107	21,211.7	11,018.6
VIKING ENERGY LTD.	12.9%	**1,916.3**	**64**	1,913.3	53	3.0	215	27,755.1	2,200.9
BEARSPAW PETROLEUM LTD.	92.0%	**1,875.6**	**65**	1,854.3	56	21.3	157	135,112.7	23,547.2
PROVIDENT ACQUISITIONS L.P.	95.4%	**1,789.3**	**66**	1,748.2	59	41.1	140	101,883.5	38,548.8
BREDAL ENERGY CORP.	86.4%	**1,774.0**	**67**	1,711.1	62	62.9	120	40,065.7	13,043.1
RESOLUTE ENERGY INC.	95.3%	**1,737.3**	**68**	1,731.7	61	5.6	200	37,597.4	37,126.7
CALPINE CANADA RESOURCES COMPANY	95.9%	**1,668.8**	**69**	1,505.3	65	163.5	82	80,579.8	40,394.0
DEFIANT ENERGY CORPORATION	72.8%	**1,627.2**	**70**	1,627.2	63	0.0	E261	2,644.1	5,977.3
SKYLIGHT ENERGY RESOURCES LTD.	61.3%	**1,623.6**	**71**	143.7	193	1,479.9	25	10,343.1	4,190.0
ZARGON OIL & GAS LTD.	83.8%	**1,619.5**	**72**	1,565.9	64	53.6	126	51,966.3	10,017.1
GLENCOE RESOURCES LTD.	97.2%	**1,614.3**	**73**	1,162.8	79	451.5	47	31,964.5	58,220.5
THE WISER OIL COMPANY OF CANADA	93.2%	**1,610.7**	**74**	1,375.2	68	235.5	66	181,124.8	23,842.9
TORPEDO PETROLEUM CORPORATION	90.3%	**1,494.6**	**75**	1,453.5	66	41.1	141	6,888.4	15,335.5
PROVIDENT ENERGY LTD.	97.2%	**1,474.6**	**76**	960.3	90	514.3	45	266,656.2	52,201.0
ART	17.7%	**1,455.3**	**77**	1,452.3	67	3.0	216	4,259.5	1,769.1
DOMINION EXPLORATION CANADA LTD.	95.8%	**1,429.6**	**78**	1,239.5	75	190.1	76	74,379.3	33,795.4
CRISPIN ENERGY INC.	72.3%	**1,406.6**	**79**	1,149.5	80	257.1	62	43,966.1	5,069.2
ADDISON ENERGY INC.	98.7%	**1,390.9**	**80**	971.4	89	419.5	49	54,592.2	105,716.8
CANADIAN SUPERIOR ENERGY INC.	94.9%	**1,385.3**	**81**	1,186.9	77	198.4	73	49,087.1	27,302.8
CELTIC EXPLORATION LTD.	90.7%	**1,353.9**	**82**	1,304.5	71	49.4	132	24,962.5	14,514.8
ANKERTON HOLDINGS LTD.	6.9%	**1,337.4**	**83**	1,337.4	69	0.0	E261	9,421.3	1,437.1
RAVENWOOD RESOURCES INC.	52.5%	**1,318.6**	**84**	1,312.2	70	6.4	196	36,974.8	2,774.6
REDWATER WATER DISPOSAL COMPANY LIMITED	80.3%	**1,280.9**	**85**	1,280.9	73	0.0	E261	4,469.4	6,514.7
RIDER RESOURCES LTD.	89.4%	**1,278.3**	**86**	1,278.3	74	0.0	E261	10,789.3	12,017.5
CRESCENT POINT ENERGY LTD.	91.3%	**1,258.5**	**87**	1,185.6	78	72.9	115	144,442.5	14,454.7
ATLAS ENERGY LTD.	86.1%	**1,227.2**	**88**	1,120.8	83	106.4	104	18,133.3	8,806.7
PENGROWTH CORPORATION	99.6%	**1,224.2**	**89**	978.5	88	245.7	65	717,108.6	343,409.5
MAMA SANTOS HOLDINGS LTD	1.5%	**1,211.3**	**90**	1,211.3	76	0.0	E261	3,768.2	1,229.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
ENERPLUS RESOURCES CORPORATION	97.9%	1,210.9	91	333.0	140	877.9	30	219,625.1	57,742.4
BP CANADA ENERGY COMPANY	99.8%	1,158.4	92	1,014.3	86	144.1	88	95,978.8	521,461.1
COASTAL RESOURCES LIMITED	30.6%	1,154.9	93	1,122.5	82	32.4	146	22,294.3	1,663.6
EPACT EXPLORATION LTD.	0.0%	1,127.6	94	1,120.1	84	7.5	193	3,199.8	1,127.6
GENTRY RESOURCES LTD.	33.9%	1,080.4	95	1,080.4	85	0.0	E261	4,470.6	1,634.5
RESPONSE ENERGY CORPORATION	89.6%	1,074.9	96	760.2	102	314.7	57	34,267.4	10,375.5
GREAT NORTHERN EXPLORATION LTD.	96.1%	1,036.3	97	769.7	101	266.6	59	73,980.6	26,481.3
DENISON ENERGY INC.	86.2%	1,019.0	98	461.4	118	557.6	42	25,277.0	7,410.1
HARVEST OPERATIONS CORP.	95.3%	1,015.6	99	756.5	103	259.1	61	727,717.4	21,396.0
ESPRIT	92.7%	1,002.2	100	987.2	87	15.0	170	4,530.1	13,809.2
SHANPET RESOURCES LTD.	36.3%	989.1	101	886.6	93	102.5	105	3,484.8	1,553.6
BRAZEAU NRG LTD.	0.0%	932.0	102	932.0	91	0.0	E261	732.7	932.0
ADVANTAGE OIL & GAS LTD.	97.3%	928.4	103	863.0	97	65.4	118	55,219.7	34,579.0
COMSTATE RESOURCES LTD.	95.5%	912.3	104	275.1	151	637.2	35	49,596.2	20,405.6
TERRAPET ENERGY CORP.	82.0%	891.9	105	891.5	92	0.4	251	1,755.1	4,947.0
EOG RESOURCES CANADA INC.	99.1%	886.6	106	755.3	104	131.3	89	53,079.2	100,375.1
BOUNTY DEVELOPMENTS LTD.	16.6%	884.5	107	883.0	94	1.5	228	21,396.4	1,060.5
CAPTURE RESOURCES CORPORATION	32.7%	871.8	108	871.8	95	0.0	E261	3,526.3	1,295.7
BVX	6.0%	870.1	109	870.1	96	0.0	E261	6,745.3	926.0
MIDNIGHT OIL & GAS LTD.	37.5%	830.4	110	828.1	98	2.3	220	3,109.8	1,329.2
VIKING HOLDINGS INC.	97.9%	829.9	111	821.5	99	8.4	187	20,432.5	39,722.7
BONTERRA ENERGY CORP.	93.6%	826.6	112	66.1	237	760.5	32	50,465.3	12,872.0
FAIRBORNE ENERGY LTD.	97.8%	802.5	113	802.5	100	0.0	E261	116,285.1	36,583.6
TESSEX ENERGY	4.2%	775.6	114	0.0	E344	775.6	31	849.4	809.2
TOM BROWN RESOURCES LTD.	98.8%	760.1	115	708.3	105	51.8	129	21,553.9	65,867.5
EMM ENERGY CORPORATION	0.0%	759.2	116	137.6	196	621.6	36	1,696.3	759.2
APF ENERGY INC.	97.1%	711.6	117	696.3	106	15.3	168	40,090.8	24,781.0
BLACKROCK VENTURES INC.	91.2%	689.0	118	73.1	232	615.9	37	87,747.3	7,853.7
ERAVISTA ENERGY CORP.	7.6%	685.4	119	685.4	107	0.0	E261	19,524.7	741.9
KRANG ENERGY INC.	78.2%	651.2	120	86.2	223	565.0	41	17,508.6	2,992.6

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
MURPHY CANADA EXPLORATION COMPANY	99.1%	**630.9**	**121**	161.3	185	469.6	46	36,723.7	68,165.6
TASMAN EXPLORATION LTD.	4.3%	**613.4**	**122**	613.4	108	0.0	E261	3,513.3	640.7
ULTIMA VENTURES CORP.	96.1%	**599.9**	**123**	428.4	120	171.5	79	133,604.9	15,533.1
ROCKY MOUNTAIN ENERGY CORP.	97.8%	**588.5**	**124**	0.0	E344	588.5	39	23,782.1	26,429.7
DARK ENERGY LTD.	27.3%	**567.2**	**125**	0.0	E344	567.2	40	6,041.0	780.3
CENTRICA CANADA LIMITED	94.9%	**564.9**	**126**	560.5	109	4.4	204	42,614.9	11,134.2
LARIO OIL & GAS COMPANY	91.4%	**550.4**	**127**	503.0	114	47.4	135	33,568.2	6,419.9
RUBICON ENERGY CORPORATION	14.5%	**540.3**	**128**	538.6	110	1.7	224	10,770.9	631.9
VIRTUS ENERGY LTD.	66.8%	**535.1**	**129**	517.0	112	18.1	159	29,993.4	1,611.7
MONOLITH OIL CORP.	0.0%	**534.5**	**130**	534.5	111	0.0	E261	1,737.4	534.5
GEOCAN ENERGY INC.	35.5%	**529.6**	**131**	113.5	210	416.1	50	9,240.8	821.4
DERRICK PETROLEUM LTD.	4.3%	**529.5**	**132**	137.1	197	392.4	52	1,714.4	553.3
NEW NORTH RESOURCES LTD.	4.4%	**523.8**	**133**	475.7	117	48.1	134	1,691.8	547.7
INTERNATIONAL SOVEREIGN ENERGY CORP.	5.3%	**521.8**	**134**	96.7	216	425.1	48	17,374.8	550.8
NEW CENTURY PETROLEUM CORPORATION	21.2%	**513.1**	**135**	512.9	113	0.2	257	7,980.3	651.1
BELAIR ENERGY CORPORATION	98.5%	**509.7**	**136**	392.8	127	116.9	98	21,199.0	33,278.4
GRID RESOURCES LTD.	26.3%	**501.0**	**137**	499.8	115	1.2	230	444.9	679.9
CANSCOT RESOURCES LTD.	50.7%	**497.7**	**138**	497.7	116	0.0	E261	1,723.8	1,009.1
LOMALTA PETROLEUMS LTD.	83.4%	**492.1**	**139**	391.8	128	100.3	108	46,392.3	2,971.3
RUSTLER PETROLEUM LTD.	73.6%	**490.7**	**140**	343.0	137	147.7	85	34,929.8	1,860.0
DEL ROCA ENERG	67.5%	**489.8**	**141**	78.4	229	411.4	51	13,651.2	1,509.0
PRIMEWEST GAS CORP.	49.9%	**469.8**	**142**	460.1	119	9.7	184	3,483.8	938.1
CANADIAN FOREST OIL LTD.	98.9%	**456.6**	**143**	330.8	142	125.8	94	83,085.9	43,191.6
BLUE PARROT RESOURCES INC.	85.1%	**443.7**	**144**	161.0	186	282.7	58	5,131.9	2,985.7
PROGRESS ENERGY LTD.	99.0%	**430.3**	**145**	311.1	145	119.2	96	39,302.1	43,996.3
SUNCOR ENERGY INC.	99.0%	**428.4**	**146**	303.4	148	125.0	95	43,082.4	43,253.7
RIVAL	78.4%	**424.8**	**147**	424.8	121	0.0	E261	27,312.1	1,969.4
ARCHEAN OIL AND GAS LTD.	0.0%	**422.3**	**148**	422.3	122	0.0	E261	2,841.4	422.3
97837 RESOURCES LTD	29.4%	**421.9**	**149**	421.0	123	0.9	241	1,601.2	597.9
SOGAR RESOURCES LTD.	93.6%	**420.2**	**150**	27.9	276	392.3	53	11,257.2	6,608.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
PETROMAN OIL LTD.	44.8%	**412.9**	**151**	412.9	124	0.0	E261	653.2	747.4
PIVOTAL ENERGY LTD.	67.9%	**410.4**	**152**	330.8	141	79.6	112	16,964.2	1,280.2
RIBBON CREEK RESOURCES INC.	78.8%	**406.9**	**153**	406.9	125	0.0	E261	3,920.6	1,923.6
BLAZE ENERGY LTD.	97.2%	**389.7**	**154**	389.7	129	0.0	E261	21,989.5	14,122.6
REGCO PETROLEUMS LTD.	66.0%	**386.1**	**155**	386.1	130	0.0	E261	18,517.1	1,136.0
OWL RIVER RESOURCES LTD.	12.7%	**385.9**	**156**	239.7	158	146.2	87	808.6	442.2
PEACOCK ENERGY INC.	23.7%	**370.7**	**157**	363.7	135	7.0	195	1,715.6	485.8
PLAYER RESOURCES LTD.	99.3%	**369.3**	**158**	310.4	146	58.9	123	22,930.1	49,983.2
RSX ENERGY INC.	0.0%	**369.2**	**159**	369.2	131	0.0	E261	1,654.1	369.2
CEBANX INVESTMENTS INC.	23.4%	**368.9**	**160**	368.9	132	0.0	E261	1,315.4	481.6
SEGUE ENERGY CORPORATION	63.0%	**368.8**	**161**	368.8	133	0.0	E261	1,835.8	996.1
RAMIER RESOURCES LTD	27.9%	**365.9**	**162**	365.9	134	0.0	E261	4,889.6	507.8
EL PASO OIL & GAS CANADA, INC.	97.6%	**362.1**	**163**	102.3	215	259.8	60	52,171.8	14,881.1
ARCHEAN ENERGY LTD.	0.0%	**350.1**	**164**	350.1	136	0.0	E261	229.6	350.1
REGENT RESOURCES LTD.	0.0%	**340.4**	**165**	12.8	300	327.6	56	2,364.3	340.4
THUNDER ENERGY INC.	98.7%	**337.3**	**166**	335.5	138	1.8	223	87,441.9	26,980.8
GLACIER RIDGE RESOURCES LTD.	0.0%	**334.6**	**167**	334.6	139	0.0	E261	212.2	334.6
E3 ENERGY INC.	0.0%	**324.1**	**168**	324.1	143	0.0	E261	14,736.1	324.1
ALEXANDER OILFIELD SERVICES LTD.	26.9%	**323.4**	**169**	309.9	147	13.5	175	1,622.9	442.4
VETERAN RESOURCES INC.	0.0%	**313.5**	**170**	313.5	144	0.0	E261	1,883.7	313.5
385417 ALBERTA LTD.	78.3%	**310.3**	**171**	198.3	170	112.0	103	7,996.1	1,430.7
TEMPEST ENERGY CORP.	95.9%	**285.2**	**172**	285.2	149	0.0	E261	91,621.3	6,874.6
QUARRY OIL & GAS LTD.	80.5%	**279.4**	**173**	279.4	150	0.0	E261	28,779.2	1,434.4
WAKE ENERGY LTD.	0.5%	**270.7**	**174**	14.9	297	255.8	64	670.4	272.0
BRIDGETOWN ENE	0.0%	**262.4**	**175**	262.4	152	0.0	E261	158.7	262.4
RANCHGATE ENERGY INC.	37.9%	**257.8**	**176**	257.1	154	0.7	243	2,556.9	415.1
CYPRESS ENERGY	0.0%	**257.5**	**177**	257.5	153	0.0	E261	6,257.8	257.5
KOCH PETROLEUM CANADA LTD.	0.0%	**256.8**	**178**	0.0	E344	256.8	63	6,763.6	256.8
PEARSON RESOURCES LTD.	7.8%	**255.2**	**179**	59.3	243	195.9	74	1,929.0	276.8
WESTHILL RESOURCES LIMITED	95.7%	**254.3**	**180**	254.3	155	0.0	E261	4,205.9	5,904.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
UEI	96.6%	**246.2**	**181**	239.8	157	6.4	197	11,486.4	7,336.8
ADANAC OIL & GAS LIMITED	78.3%	**243.1**	**182**	243.1	156	0.0	E261	1,871.9	1,119.3
OPTIMUS ENERGY LIMITED	2.4%	**239.5**	**183**	239.5	159	0.0	E261	1,436.7	245.5
SAFFRON ENERGY LTD.	0.0%	**239.0**	**184**	47.7	253	191.3	75	4,589.9	239.0
SLAVE RIVER EXPLORATION LTD.	96.9%	**236.1**	**185**	211.5	164	24.6	155	36,010.9	7,647.1
LEDDY EXPLORATION LIMITED	95.1%	**230.2**	**186**	219.4	161	10.8	179	18,150.5	4,712.8
ENDEV ENERGY INC.	57.3%	**227.2**	**187**	225.8	160	1.4	229	919.5	532.1
VAQUERO ENERGY LTD.	0.0%	**226.1**	**188**	94.8	218	131.3	90	425.2	226.1
CAMINO INDUSTRIES INC.	94.9%	**223.1**	**189**	0.0	E344	223.1	67	2,831.2	4,409.5
CONOCOPHILLIPS CANADA LIMITED	97.6%	**222.0**	**190**	204.4	169	17.6	162	11,007.2	9,410.0
IMPACT ENERGY INC.	81.7%	**219.0**	**191**	0.0	E344	219.0	68	2,052.2	1,196.8
TRANSGLOBE ENERGY CORPORATION	93.6%	**214.7**	**192**	214.7	163	0.0	E261	2,130.3	3,363.1
HOODOO HYDROCARBONS LTD.	0.0%	**210.4**	**193**	210.4	165	0.0	E261	831.0	210.4
NICATA INVESTMENT CORP.	0.0%	**209.0**	**194**	209.0	166	0.0	E261	194.4	209.0
GREY WOLF EXPLORATION INC.	48.6%	**207.8**	**195**	207.8	167	0.0	E261	2,218.1	403.9
VISTA RESOURCES INC.	24.4%	**207.7**	**196**	1.9	325	205.8	71	2,078.6	274.9
MERCURY ENERGY CORPORATION	92.5%	**204.9**	**197**	204.9	168	0.0	E261	3,898.5	2,737.9
TERRAQUEST ENERGY CORPORATION	89.9%	**202.3**	**198**	159.0	187	43.3	137	15,789.8	1,999.7
POINTWEST ENERGY INC.	33.8%	**201.6**	**199**	187.2	174	14.4	172	4,827.1	304.7
PETROBANK ENERGY AND RESOURCES LTD.	94.4%	**201.5**	**200**	148.8	189	52.7	128	7,336.2	3,576.3
AMERICAN LEDUC PETROLEUMS LIMITED	77.6%	**200.7**	**201**	0.0	E344	200.7	72	19,071.3	894.3
NATIONAL FUEL EXPLORATION CORP.	68.3%	**193.5**	**202**	193.5	171	0.0	E261	10,845.9	611.3
439 ACQUISITION CORP.	0.0%	**193.0**	**203**	193.0	172	0.0	E261	2,984.9	193.0
FISH CREEK RESOURCES INC.	63.5%	**189.6**	**204**	189.6	173	0.0	E261	12,000.3	519.1
FLOWING ENERGY CORPORATION	40.0%	**186.2**	**205**	185.9	175	0.3	255	4,276.0	310.4
EXTREME RESOURCES CORPORATION	87.6%	**184.2**	**206**	183.6	177	0.6	247	1,292.9	1,491.4
OLYMPIA ENERGY INC.	99.0%	**183.8**	**207**	183.8	176	0.0	E261	30,797.7	18,363.7
RESOLUTION RESOURCES LTD.	83.3%	**182.1**	**208**	116.0	208	66.1	117	3,644.1	1,089.3
TINHORN RESOURCES LTD.	0.0%	**180.2**	**209**	180.2	178	0.0	E261	1,381.3	180.2
PETENCO RESOURCES LTD.	89.8%	**178.6**	**210**	178.6	179	0.0	E261	1,164.0	1,748.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
STRIDE ENERGY LTD.	0.0%	177.6	211	177.6	180	0.0	E261	4,473.5	177.3
MURIAS ENERGY CORPORATION	8.3%	175.8	212	165.9	182	9.9	182	4,072.5	191.8
NU-SKY ENERGY INC.	21.2%	174.0	213	172.4	181	1.6	226	4,338.2	220.9
HIGHPINE OIL & GAS LIMITED	84.2%	166.4	214	163.2	183	3.2	213	1,040.0	1,052.3
PRIDE ENERGY INC.	59.7%	164.5	215	0.0	E344	164.5	80	4,408.6	408.3
SEVENTH ENERGY LTD.	94.0%	162.1	216	162.1	184	0.0	E261	7,075.0	2,683.8
SENTRA RESOURCES CORPORATION	91.4%	159.1	217	143.0	194	16.1	164	7,661.5	1,843.3
GLEN ISLE EXPLORATION LTD.	0.0%	159.0	218	0.0	E344	159.0	83	1,187.6	159.0
DIAMOND TREE RESOURCES LTD.	0.0%	157.0	219	30.8	271	126.2	93	1,306.0	157.0
CIRCUMPACIFIC ENERGY CORPORATION	0.0%	154.9	220	154.2	188	0.7	244	5,388.6	154.9
REVOLUTION ENERGY INC.	97.5%	150.3	221	142.4	195	7.9	191	2,171.1	6,031.0
RANCHGATE OIL AND GAS LIMITED	80.7%	150.0	222	85.6	224	64.4	119	12,769.8	777.0
CANADIAN JOREX LIMITED	74.5%	148.3	223	148.3	190	0.0	E261	2,179.5	580.8
DIRHAM CONSTRUCTION LTD.	0.0%	146.4	224	146.4	191	0.0	E261	362.0	146.4
TRIQUEST ENERGY CORP.	86.1%	144.2	225	144.2	192	0.0	E261	3,309.4	1,041.1
RAPTOR CAPITAL CORPORATION	0.0%	140.0	226	23.3	284	116.7	99	3,966.9	140.0
DELPHI	98.3%	138.7	227	89.2	220	49.5	131	19,023.5	8,075.3
CENTENNIAL PETROLEUM COMPANY LTD.	98.8%	137.6	228	133.8	199	3.8	207	14,272.4	11,276.2
CANALTA ENERGY CORPORATION	0.0%	136.4	229	136.4	198	0.0	E261	206.5	136.4
ALPETRO RESOURCES LTD.	0.0%	133.1	230	133.1	200	0.0	E261	5,784.6	133.1
RANGEX RESOURCES LTD.	48.2%	131.7	231	117.3	207	14.4	173	3,609.8	254.1
CALAHOO PETROLEUM LTD.	93.8%	130.7	232	130.7	201	0.0	E261	918.4	2,116.1
CNPC INTERNATIONAL (CANADA) LTD.	91.1%	129.8	233	129.8	202	0.0	E261	7,227.2	1,461.4
HARD ROCK RESOURCES LTD.	29.2%	129.5	234	0.0	E344	129.5	92	2,579.2	182.8
PURE OIL & GAS CO LTD	93.0%	129.0	235	129.0	203	0.0	E261	1,953.0	1,853.0
ALTACANADA ENERGY CORP.	0.0%	125.9	236	121.9	204	4.0	206	926.8	125.9
MUSTANG RESOURCES INC.	96.0%	123.7	237	107.6	212	16.1	165	7,404.3	3,095.3
C & T RESOURCES LTD	92.6%	121.0	238	121.0	205	0.0	E261	2,430.3	1,634.1
SOUTH RIDGE MANAGEMENT LTD.	0.0%	117.5	239	117.5	206	0.0	E261	1,024.3	117.5
ROCK ENERGY LTD.	97.5%	115.3	240	0.0	E344	115.3	100	5,247.4	4,561.3

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
BARNWELL OF CANADA, LIMITED	37.3%	114.3	241	114.3	209	0.0	E261	3,246.0	182.3
MATO INC.	95.6%	113.6	242	0.0	E344	113.6	101	925.4	2,597.0
ENERGY NORTH INC.	96.3%	112.6	243	112.6	211	0.0	E261	11,274.5	3,045.8
DANTEL RESOURCES LTD.	0.0%	112.3	244	0.0	E344	112.3	102	80.8	112.3
DUVERNAY OIL CORP.	0.0%	104.4	245	104.4	213	0.0	E261	2,565.1	104.4
DYNAMIC OIL & GAS, INC.	96.1%	102.7	246	102.7	214	0.0	E261	25,303.5	2,661.4
ALHAMBRA RESOURCES LTD.	0.0%	102.2	247	0.0	E344	102.2	106	1,648.4	102.2
CANGILD RESOURCES LTD	19.5%	96.1	248	66.9	236	29.2	150	614.3	119.4
TRI-MENT CORPORATION LTD.	0.0%	96.0	249	96.0	217	0.0	E261	310.0	96.0
RIDAL RESOURCE LTD.	0.0%	95.2	250	0.0	E344	95.2	109	2,197.5	95.2
QB ENERGY CORPORATION	4.8%	94.2	251	65.5	239	28.7	151	1,079.7	98.9
CAL-RANCH RESOURCES INC.	0.0%	92.8	252	92.8	219	0.0	E261	475.8	92.8
CONCERTO RESOURCES LTD.	34.6%	91.6	253	6.6	311	85.0	110	694.4	140.0
INDRA OIL & GAS LTD.	0.0%	89.0	254	86.3	222	2.7	217	3,145.0	89.0
NUVISTA	97.1%	88.7	255	87.9	221	0.8	242	10,551.8	3,017.8
DAY ENERGY LTD.	96.7%	86.3	256	85.6	225	0.7	245	7,868.9	2,644.2
TAKU GAS LIMITED	79.5%	84.2	257	84.2	226	0.0	E261	11,102.2	410.9
ANTERRA RESOURCE SERVICES INC.	94.2%	82.2	258	82.2	227	0.0	E261	5,208.6	1,419.4
BIGHORN RESOURCES LTD.	61.5%	81.6	259	81.6	228	0.0	E261	788.7	212.1
CAVELL ENERGY CORPORATION	96.2%	79.2	260	56.5	247	22.7	156	8,811.0	2,097.3
WESTBOW ENERGY INC.	95.3%	78.4	261	47.4	254	31.0	148	4,705.2	1,666.0
KOBI RESOURCES LTD.	95.7%	77.9	262	77.9	230	0.0	E261	3,633.8	1,820.7
GOLD RIDGE INVESTMENTS CORPORATION	0.0%	77.0	263	0.0	E344	77.0	113	220.7	56.0
BERRY CREEK RESOURCES INC.	91.1%	76.9	264	76.9	231	0.0	E261	263.5	861.2
HIGH POINT RESOURCES INC.	97.4%	75.8	265	47.4	255	28.4	152	10,750.1	2,947.6
FERRYBANK RESOURCES LTD.	68.7%	75.5	266	61.1	242	14.4	174	2,716.0	241.4
SHAKER RESOURCES INC.	66.7%	75.2	267	22.2	285	53.0	127	1,006.6	225.8
MO'S SUPERVISING & CONSULTING LTD.	0.0%	72.4	268	0.0	E344	72.4	116	270.6	72.4
HORNET ENERGY LTD.	99.4%	72.2	269	72.2	233	0.0	E261	8,607.8	12,233.3
TESORO ENERGY CORP.	86.6%	69.2	270	69.2	234	0.0	E261	3,863.9	515.7

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
OMERS RESOURCES LIMITED	85.6%	**68.3**	**271**	68.3	235	0.0	E261	3,023.7	473.2
RUSTUM PETROLEUMS LIMITED	0.0%	**65.9**	**272**	65.9	238	0.0	E261	2,862.0	65.9
BALLATER RESOURCES LTD.	88.4%	**65.6**	**273**	37.6	266	28.0	154	2,744.2	567.6
STOCKWORK PROPERTIES LTD.	26.4%	**64.1**	**274**	64.1	240	0.0	E261	134.0	87.1
INFINITI RESOURCES INTERNATIONAL LTD.	3.2%	**64.0**	**275**	64.0	241	0.0	E261	129.9	66.1
HIGH PLAINS ENERGY INC.	0.0%	**61.8**	**276**	0.0	E344	61.8	121	484.7	61.8
SPHERE ENERGY CORP.	9.1%	**60.6**	**277**	0.0	E344	60.6	122	361.6	66.7
WIN-ENERGY	11.5%	**59.8**	**278**	44.4	262	15.4	167	4,604.1	67.6
SUNTEX ENERGY LTD.	60.5%	**59.6**	**279**	44.5	261	15.1	169	1,779.4	151.0
OUTLOOK ENERGY CORP.	19.0%	**58.4**	**280**	58.4	244	0.0	E261	533.4	72.1
CALIBURN RESOURCES LTD.	79.7%	**57.7**	**281**	57.7	245	0.0	E261	1,009.5	284.9
PARA-TECH	0.0%	**57.0**	**282**	57.0	246	0.0	E261	591.8	57.0
RAPIDFIRE RESOURCES LTD.	77.7%	**56.2**	**283**	54.2	248	2.0	222	1,591.8	252.0
AURADO RESOURCES CANADA LTD.	52.5%	**54.1**	**284**	0.0	E344	54.1	125	2,369.5	114.0
SIGA RESOURCES LIMITED	21.5%	**52.7**	**285**	12.5	301	40.2	142	496.3	67.1
MARKWEST RESOURCES CANADA CORP.	99.1%	**51.7**	**286**	48.1	252	3.6	208	4,495.2	5,926.5
JACO ENERGY LIMITED	95.5%	**49.8**	**287**	49.8	249	0.0	E261	3,731.2	1,114.9
981405 ALBERTA LTD.	0.0%	**49.7**	**288**	0.0	E344	49.7	130	4.3	49.7
PRINCE RESOURCE CORPORATION	0.0%	**49.3**	**289**	49.3	250	0.0	E261	492.1	49.3
BRAND S RESOURCES LTD.	0.0%	**48.4**	**290**	48.4	251	0.0	E261	359.0	48.4
RISE RESOURCES CORP.	98.2%	**48.2**	**291**	0.0	E344	48.2	133	2,231.3	2,635.5
ROYAL QUEST RESOURCES LTD.	59.4%	**47.9**	**292**	30.2	272	17.7	161	195.4	118.1
TERRA RICA RESOURCES LTD.	56.0%	**46.5**	**293**	0.0	E344	46.5	136	1,272.0	105.7
SURAT ENERGY INC.	98.0%	**46.5**	**294**	46.5	256	0.0	E261	2,807.4	2,325.0
OAKTREE RESOURCES LTD.	0.0%	**45.5**	**295**	45.5	257	0.0	E261	90.6	45.5
CANNON OIL & GAS LTD.	0.0%	**45.4**	**296**	45.4	258	0.0	E261	201.7	45.4
RICKS NOVA SCOTIA CO.	0.0%	**45.3**	**297**	45.3	259	0.0	E261	1,817.5	45.3
GARRAN ENERGY INC.	0.0%	**44.5**	**298**	44.5	260	0.0	E261	52.2	44.5
BARCOMP PETROLEUM LTD.	0.0%	**42.4**	**299**	0.0	E344	42.4	138	9,511.6	42.4
ECLIPSE RESOURCES LTD.	98.9%	**42.4**	**300**	42.4	263	0.0	E261	6,149.1	3,978.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
FREEHOLD RESOURCES LTD.	63.1%	41.9	301	41.9	264	0.0	E261	691.5	113.6
WILLIAMS ENERGY COMPANY LTD.	0.0%	41.4	302	10.8	304	30.6	149	2,003.1	41.4
TUSK ENERGY INC.	64.8%	40.3	303	40.3	265	0.0	E261	1,801.0	114.5
FIRST ALBERTA PETROLEUM LIMITED	0.0%	37.5	304	37.5	267	0.0	E261	4,044.1	37.5
SUFFIELD RESOURCES INC.	0.0%	36.5	305	0.0	E344	36.5	144	839.9	36.5
SILVER BLAZE ENERGY LTD.	89.8%	36.1	306	0.0	E344	36.1	145	1,710.4	353.7
SHACKLETON EXPLORATION LTD.	66.9%	35.1	307	35.1	268	0.0	E261	1,251.8	106.2
VAL VISTA ENERGY INC.	92.9%	33.4	308	5.3	317	28.1	153	3,129.8	471.1
BULLDOG ENERGY INC.	77.2%	33.2	309	33.2	269	0.0	E261	1,225.0	145.9
KAISER ENERGY LTD.	94.6%	32.6	310	32.6	270	0.0	E261	1,629.3	600.7
MIREX ENERGY SERVICES INC.	0.0%	31.7	311	0.0	E344	31.7	147	2,223.9	31.7
CROSSFIELD GAS CORP.	0.0%	29.6	312	29.6	273	0.0	E261	127.2	29.6
KING ENERGY INC.	93.0%	29.0	313	29.0	274	0.0	E261	112.4	414.3
WHITEHALL ENERGY LTD.	0.0%	28.4	314	28.4	275	0.0	E261	980.8	28.4
KANTEC PETROLEUM (SOUTHERN) LTD.	99.5%	27.1	315	26.6	278	0.5	249	669.2	4,970.4
TRANS WORLD OIL & GAS LTD	97.5%	27.0	316	26.6	277	0.4	252	8,055.4	1,066.8
MAKAH ENERGY CORPORATION	98.4%	26.1	317	26.1	280	0.0	E261	2,376.7	1,671.9
ONYX OIL & GAS LTD.	0.0%	25.7	318	25.7	281	0.0	E261	252.0	25.7
MEC OPERATING COMPANY	99.9%	24.7	319	24.7	282	0.0	E261	83,198.3	27,232.5
BCK	0.0%	23.9	320	23.9	283	0.0	E261	119.6	23.9
CHIRRIPO RESOURCES INC.	8.0%	21.9	321	21.9	286	0.0	E261	412.2	23.8
VIKING LANDOVER INC.	0.0%	21.8	322	21.8	287	0.0	E261	50.5	21.8
PATTERSON BROTHERS CONSULTING INC.	0.0%	21.1	323	21.1	288	0.0	E261	766.6	21.1
SEPT. RESOURCE	0.0%	20.9	324	20.9	289	0.0	E261	30.7	20.9
PLAINS	93.5%	20.5	325	20.5	290	0.0	E261	2,452.6	314.4
948152 ALBERTA LTD.	0.0%	20.0	326	20.0	291	0.0	E261	1,165.3	20.0
EXODUS ENERGY LTD.	93.4%	20.0	327	20.0	292	0.0	E261	5,524.7	302.9
MIKA RESOURCES LTD	98.1%	18.1	328	18.1	293	0.0	E261	373 9	950.7
TIGER ENERGY LIMITED	0.0%	17.9	329	17.9	294	0.0	E261	238.9	17.9
GRIZZLY HOLDINGS INC.	91.8%	17.2	330	0.0	E344	17.2	163	1,902.2	210.8

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
EUROGAS CORPORATION	74.0%	16.6	331	5.8	314	10.8	180	2,383.5	63.8
MORPHEUS ENERGY CORPORATION	0.0%	16.4	332	16.4	295	0.0	E261	29.7	16.4
ISH ENERGY LTD.	98.7%	16.1	333	16.1	296	0.0	E261	594.5	1,256.4
DEVEXCO RESOURCES (1984) LTD.	17.6%	15.9	334	12.3	302	3.6	209	148.1	19.3
CAPSTONE ENERGY LTD.	99.3%	15.7	335	0.0	E344	15.7	166	3,597.1	2,386.9
NORLAKE ENERGY CORP.	93.2%	15.2	336	2.2	323	13.0	177	220.3	223.9
NEWHAVEN INVESTMENTS INC.	0.0%	15.0	337	0.0	E344	15.0	171	307.1	15.0
SADDLE RESOURC	0.0%	14.0	338	14.0	298	0.0	E261	737.2	14.0
DGS OIL & GAS CO. INC.	0.0%	13.1	339	13.1	299	0.0	E261	864.0	13.1
RICHANN CONTRACT OPERATORS LTD.	0.0%	12.6	340	2.3	322	10.3	181	1,592.5	12.6
HUEGLER HOLDINGS LTD	0.0%	12.0	341	0.0	E344	12.0	178	1,757.4	12.0
GUIDE RESOURCES LTD.	0.0%	11.6	342	11.6	303	0.0	E261	0.0	11.6
T B I	80.8%	10.7	343	10.7	305	0.0	E261	930.9	55.7
HORNBECK RESOURCES LTD.	0.0%	9.9	344	1.8	326	8.1	189	589.4	9.9
KOSOWAN HYDROCARBONS LTD.	99.5%	9.9	345	0.0	E344	9.9	183	2,424.4	2,191.4
SAN JUAN RESOURCES INC.	98.9%	9.6	346	9.6	306	0.0	E261	1,504.6	858.2
AVONDALE ENERGY INC.	0.0%	9.1	347	0.0	E344	9.1	185	42.6	9.1
545279 ALBERTA LIMITED	33.6%	9.1	348	8.0	308	1.1	235	249.1	13.7
TRENTON ENERGY INC.	96.7%	9.1	349	2.8	320	6.3	198	1,489.2	277.7
NAL VENTURES INC.	0.0%	8.8	350	8.8	307	0.0	E261	101.1	8.8
CHARPET RESOURCES LTD.	0.0%	8.2	351	0.0	E344	8.2	188	516.6	8.2
877029 ALBERTA LTD.	0.0%	8.0	352	0.0	E344	8.0	190	2,334.0	8.0
RACING RESOURCES LTD.	0.0%	7.9	353	0.0	E344	7.9	192	427.3	7.9
CONTOUR ENERGY LTD.	30.3%	7.6	354	7.6	309	0.0	E261	8.8	10.9
KENSINGTON ENERGY LTD.	0.0%	7.4	355	7.4	310	0.0	E261	86.2	7.4
155725 CANADA LTD.	99.5%	7.2	356	0.0	E344	7.2	194	933.7	1,331.4
NCE RESOURCES GROUP INC.	0.0%	6.6	357	4.4	318	2.2	221	189.7	6.6
KAISER-FRANCIS OIL COMPANY OF CANADA	96.1%	6.6	358	6.6	312	0.0	E261	1,428.1	168.3
T & E OILS LTD.	83.9%	6.3	359	6.3	313	0.0	E261	1,530.8	39.1
ALBERTA PETROLEUM ENERGY LIMITED	0.0%	5.8	360	0.0	E344	5.8	199	1,527.7	5.8

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
ROCK RIVER RESOURCES LTD.	50.0%	5.6	361	5.6	315	0.0	E261	124.2	11.2
AVORD OIL & GAS LTD	95.4%	5.6	362	0.8	336	4.8	202	11,090.8	122.1
EXCITE ENERGY CORP.	0.0%	5.4	363	5.4	316	0.0	E261	289.1	5.4
THE LOCKE STOCK & BARREL COMPANY LTD.	60.9%	5.0	364	1.7	327	3.3	211	158.8	12.8
HILLSDALE DRILLING LTD.	0.0%	4.8	365	0.0	E344	4.8	203	1,085.9	4.8
REBER EXPLORATION LTD.	0.0%	4.3	366	1.1	331	3.2	214	174.0	4.3
C2 ENERGY INC.	92.8%	4.3	367	4.3	319	0.0	E261	685.9	60.1
KERR ENERGY LIMITED	98.8%	4.2	368	0.0	E344	4.2	205	15,763.3	361.5
NYCAN ENERGY CORP.	0.0%	3.4	369	0.0	E344	3.4	210	78.6	3.4
LANEX RESOURCES INC.	99.9%	3.3	370	0.0	E344	3.3	212	3,350.9	4,034.5
PETAL RESOURCES LTD.	96.8%	2.5	371	2.5	321	0.0	E261	883.9	78.8
PATMAC RESOURCES LTD.	0.0%	2.4	372	0.0	E344	2.4	218	704.7	2.4
POWERMAX ENERGY INC.	99.4%	2.4	373	0.0	E344	2.4	219	1,131.8	401.7
MURELLE ENTERPRISES INC.	99.9%	2.1	374	2.1	324	0.0	E261	621.4	1,455.9
ANDERSON EXPLORATION/HOME OIL	99.0%	1.7	375	0.0	E344	1.7	225	228.4	175.4
MARKEDON ENERGY LTD.	100.0%	1.6	376	0.0	E344	1.6	227	7,647.2	4,163.0
BEAVER LAKE RESOURCES CORPORATION	89.6%	1.4	377	1.4	328	0.0	E261	517.4	13.4
COLBY	0.0%	1.2	378	0.0	E344	1.2	231	564.5	1.2
EASTNELL RESOURCES LTD.	0.0%	1.2	379	0.0	E344	1.2	232	7.6	1.2
ENCANA CORPORATION	0.0%	1.2	380	1.2	329	0.0	E261	83.3	1.2
GRAND RAPIDS PETROLEUM LTD.	0.0%	1.2	381	0.0	E344	1.2	233	716.2	1.2
PANTERRA ENERGY CORP. LTD.	0.0%	1.2	382	0.0	E344	1.2	234	482.3	1.2
PETROMIN RESOURCES LTD.	0.0%	1.2	383	1.2	330	0.0	E261	4,816.4	1.2
DAGUR RESOURCES INC.	0.0%	1.1	384	0.0	E344	1.1	236	251.3	1.1
ALKA RESOURCES LTD.	93.4%	1.1	385	0.0	E344	1.1	237	198.7	16.6
FOX CREEK PETROLEUM CORP.	99.4%	1.1	386	0.0	E344	1.1	238	1,067.3	190.5
MILEN'S OILFIELD ENTERPRISES LTD.	99.8%	1.1	387	0.0	E344	1.1	239	371.0	674.4
CANOR ENERGY L	0.0%	1.0	388	0.0	E344	1.0	240	21.6	1.0
TORO ENERGY INC.	50.0%	1.0	389	1.0	332	0.0	E261	217.0	2.0
POINTWEST ENER	99.9%	1.0	390	1.0	333	0.0	E261	1,586.3	759.6

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
WESTDRUM ENERGY LTD.	99.9%	1.0	391	1.0	334	0.0	E261	1,371.6	1,474.4
CASE RESOURCES INC.	100.0%	0.9	392	0.9	335	0.0	E261	49,724.5	13,507.7
SHAPCO RESOURCES LTD.	100.0%	0.8	393	0.8	337	0.0	E261	2,615.2	3,174.2
POCAHONTAS PETROLEUM LTD.	0.0%	0.6	394	0.0	E344	0.6	248	103.8	0.5
SEFFIAN PETROLEUMS LTD.	0.0%	0.5	395	0.0	E344	0.5	250	149.9	0.5
OASIS PETROLEUM LTD.	97.0%	0.5	396	0.5	338	0.0	E261	2,180.3	16.7
DIRE RESOURCES LTD.	100.0%	0.5	397	0.5	339	0.0	E261	2,904.7	2,001.3
NORTHERN UTILITIES (SASK.) LTD.	33.3%	0.4	398	0.0	E344	0.4	253	417.5	0.6
CASTLE RIVER RESOURCES LTD.	98.4%	0.4	399	0.4	340	0.0	E261	714.8	25.5
ENDLESS ENERGY CORP.	99.7%	0.4	400	0.0	E344	0.4	254	83.1	147.3
PROMAX	0.0%	0.3	401	0.0	E344	0.3	256	114.2	0.3
CONDOR RESOURCES INC.	96.9%	0.3	402	0.3	341	0.0	E261	300.5	9.7
INTERNATIONAL COLIN ENERGY CORPORATION	0.0%	0.2	403	0.0	E344	0.2	258	375.1	0.2
KEY WEST OIL &	50.0%	0.1	404	0.1	342	0.0	E261	0.0	0.2
KYJO RESOURCES LTD.	50.0%	0.1	405	0.0	E344	0.1	259	2.5	0.2
APEX ENERGY (CANADA) INC.	100.0%	0.1	406	0.0	E344	0.1	260	2,337.0	1,607.3
WESTERRA	0.0%	0.0	E407	0.0	E344	0.0	E261	96.2	0.0
WILLIAMS ENERGY COMPANY LTD.	0.0%	0.0	E407	0.0	E344	0.0	E261	2.2	0.0
AC ENERGY INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	118.0	4.6
ALTAGAS SERVICES INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	7.2	290.3
AREA I RECLAIMING LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	628.0	42.9
BISON RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	228.8	619.7
BOLT ENERGY LT	100.0%	0.0	E407	0.0	E344	0.0	E261	0.0	139.4
BUMPER DEVELOPMENT CORPORATION LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	305.3	3,365.8
CALVALLEY PETROLEUM INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	89.7	3,590.5
CANYON CREEK RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	1,001.2	532.5
CARBON ENERGY CANADA CORPORATION	100.0%	0.0	E407	0.0	E344	0.0	E261	307.7	307.5
CEDAR ENERGY INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	750.7	6,007.5
CEPHALON RESOURCE CORPORATION	100.0%	0.0	E407	0.0	E344	0.0	E261	24.9	2.5
COLDSTREAM ENERGY LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	733.1	305.3

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
CRAZY HILL RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	1,524.8	416.0
DEPAR MANAGEMENT LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	1,041.1	7.1
FAIR MOST RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	2,951.9	1,009.9
FRASER OIL & GAS LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	518.9	34.0
GEODYNE ENERGY PRODUCTION INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	135.5	36.2
GRANDIR RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	1,607.9	1,646.6
HALVAR RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	12,640.3	176.0
HIGHVIEW RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	14.0	512.1
INVERNESS HYDROCARBONS LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	0.0	5.8
KEYSPAN ENERGY CANADA INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	12,317.5	2,812.2
LAND PETROLEUM INTERNATIONAL INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	31.2	0.2
LEXOIL INCORPORATED	100.0%	0.0	E407	0.0	E344	0.0	E261	1,030.3	13.2
LOCKWOOD RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	0.0	2,806.5
LYSE PETROLEUM	100.0%	0.0	E407	0.0	E344	0.0	E261	1,423.6	31,782.6
MISTAHIYA RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	1,966.5	76.3
NORTHERN CROWN RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	16.8	796.1
OMERS ENERGY INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	303.1	1,031.0
ONLY GAS & OIL INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	209.5	211.5
OPERATIONS MANAGEMENT LIMITED	100.0%	0.0	E407	0.0	E344	0.0	E261	291.1	394.6
PACIFICORP ENERGY CANADA LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	5,466.8	39,532.6
PRIMROSE DRILLING VENTURES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	310.1	2,890.3
RIDER RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	2.0	12.6
ROBERTS BAY RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	158.5	425.4
SARG OILS LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	683.0	16.8
SAWTOOTH INTERNATIONAL RESOURCES INC.	100.0%	0.0	E407	0.0	E344	0.0	E261	5,204.5	2,471.5
SILVER BAY RESOURCES LTD	100.0%	0.0	E407	0.0	E344	0.0	E261	1,095.3	560.5
SLS RESOURCES LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	410.3	1,607.0
SOUTHWARD ENERGY LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	0.0	9,620.9
STARCHILD ENERGY SYSTEMS LTD.	100.0%	0.0	E407	0.0	E344	0.0	E261	12.3	0.8
SUNFIRE ENERGY CORPORATION	100.0%	0.0	E407	0.0	E344	0.0	E261	1,445.3	131.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

PROVINCIAL RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
CRUDE OIL AND CRUDE BITUMEN BATTERIES FOR ALBERTA
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
TRARION RESOURCES LTD.	100.0%	**0.0**	**E407**	0.0	E344	0.0	E261	214.2	631.3
TRIUMPH ENERGY	100.0%	**0.0**	**E407**	0.0	E344	0.0	E261	5.3	515.9
TUDOR CORPORATION LTD.	100.0%	**0.0**	**E407**	0.0	E344	0.0	E261	148.8	71.9
UNICORN AGRI-OIL LTD.	100.0%	**0.0**	**E407**	0.0	E344	0.0	E261	545.5	9.9

An 'E' prefix to the RANK category indicates equal ranking in that category.

Source of Information

The data contained in this file consists of selected information summarized from the S-2 monthly statements (prior to October 2002) and Petroleum Registry volumetric reports (October 2002 forward). This information is filed on a monthly basis and includes the disposition of oil, gas, and water produced or received by a battery. Further details on current monthly volumetric reporting are given in *Guide 7: Production Accounting Handbook - Part 1 Draft (September 2002)*. The details for the above information, on a battery basis, are available in EUB publication *ST-60A*.

The summary data include monthly battery data for crude oil (battery subtype codes 311, 321 and 322) and crude bitumen (battery subtype codes 331, 341, 342 and 343). Battery subtype codes are assigned by the company when it applies for a new battery code. Battery subtype codes have been changed for Petroleum Registry formatting and amalgamation of obsolete subtypes and are described in *Guide 7: Production Accounting Handbook - Part 1 Draft (September 2002), Table 2., Facility and facility subtypes.*

Please note that company names may be different from those used for well-naming purposes.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

Field Centre
Rankings

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
BONNYVILLE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
CANADIAN NATURAL RESOURCES LIMITED	61.8%	**289,466.2**	**1**	41,717.5	1	247,748.7	1	6,740,211.5	758,150.5
DEVON CANADA	33.3%	**21,785.7**	**2**	317.7	7	21,468.0	2	456,616.9	32,659.3
PETROVERA RESOURCES LIMITED	52.2%	**13,013.2**	**3**	0.0	E19	13,013.2	3	267,968.3	27,234.3
HUSKY OIL OPERATIONS LIMITED	41.7%	**11,979.1**	**4**	26.8	13	11,952.3	4	234,251.4	20,546.4
ENCANA OIL & GAS PARTNERSHIP	93.8%	**11,422.8**	**5**	11,363.8	2	59.0	14	1,613,753.0	185,379.5
BONAVISTA PETROLEUM LTD.	31.2%	**8,749.9**	**6**	1,783.3	4	6,966.6	5	314,993.0	12,721.4
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	26.0%	**5,211.2**	**7**	0.0	E19	5,211.2	6	142,031.8	7,042.2
JAPAN CANADA OIL SANDS LIMITED	0.0%	**3,903.5**	**8**	3,903.5	3	0.0	E20	267,932.5	2,244.7
MURPHY OIL COMPANY LTD.	22.8%	**2,451.3**	**9**	0.0	E19	2,451.3	7	30,215.3	3,173.5
BAYTEX ENERGY LTD.	16.9%	**2,445.5**	**10**	1.9	16	2,443.6	8	204,157.8	2,941.2
IMPERIAL OIL RESOURCES	99.6%	**1,314.1**	**11**	1,058.7	5	255.4	11	6,469,794.7	328,391.5
CONOCOPHILLIPS CANADA RESOURCES CORP.	10.7%	**392.3**	**12**	392.3	6	0.0	E20	59,564.6	439.3
CRISPIN ENERGY INC.	0.0%	**305.3**	**13**	61.4	9	243.9	12	12,196.3	305.3
KRANG ENERGY INC.	0.0%	**302.6**	**14**	7.3	14	295.3	9	5,615.1	302.6
KOCH PETROLEUM CANADA LTD.	0.0%	**256.8**	**15**	0.0	E19	256.8	10	6,763.6	256.8
VINTAGE PETROLEUM CANADA, INC.	90.0%	**227.6**	**16**	0.0	E19	227.6	13	24,126.2	2,282.7
PETRO-CANADA	69.8%	**70.7**	**17**	70.7	8	0.0	E20	65,025.7	234.2
DELPHI	0.2%	**55.3**	**18**	5.8	15	49.5	15	7,462.4	55.4
RICKS NOVA SCOTIA CO.	0.0%	**45.3**	**19**	45.3	10	0.0	E20	1,817.5	45.3
DOMINION EXPLORATION CANADA LTD.	0.0%	**40.9**	**20**	40.9	11	0.0	E20	26.0	40.9
SUNCOR ENERGY INC.	0.0%	**31.9**	**21**	31.9	12	0.0	E20	2,598.0	29.6
MIREX ENERGY SERVICES INC.	0.0%	**31.7**	**22**	0.0	E19	31.7	16	2,223.9	31.7
ADVANTAGE OIL & GAS LTD.	0.0%	**3.0**	**23**	0.3	18	2.7	17	1,462.7	3.0
PETROMIN RESOURCES LTD.	0.0%	**1.2**	**24**	1.2	17	0.0	E20	4,816.4	1.2
APEX ENERGY (CANADA) INC.	95.2%	**0.1**	**25**	0.0	E19	0.1	18	425.1	2.1
BLACKROCK VENTURES INC.	100.0%	**0.1**	**26**	0.0	E19	0.1	19	28,432.1	7,164.8
TALISMAN ENERGY INC.	100.0%	**0.0**	**27**	0.0	E19	0.0	E20	3,796.8	2,094.2
TOTAL FOR BONNYVILLE	**73.2%**	**373,507.3**		**60,830.3**		**312,677.0**		**16,968,278.6**	**1,393,773.6**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
PENN WEST PETROLEUM LTD.	98.1%	**7,775.4**	**1**	6,196.9	1	1,578.5	2	577,251.1	415,503.7
BURLINGTON RESOURCES CANADA LTD.	96.9%	**4,258.9**	**2**	4,238.5	2	20.4	39	98,100.4	136,525.4
VERMILION RESOURCES LTD.	92.5%	**2,667.7**	**3**	2,666.4	3	1.3	58	99,537.1	35,376.8
NCE PETROFUND CORP.	93.4%	**2,154.0**	**4**	89.7	53	2,064.3	1	26,272.6	32,545.5
PETRO-CANADA	99.5%	**1,783.8**	**5**	1,783.8	4	0.0	E64	48,826.2	335,290.2
ACCLAIM WEST	87.3%	**1,656.6**	**6**	1,656.6	5	0.0	E64	27,048.1	13,080.3
IMPERIAL OIL RESOURCES	99.7%	**1,640.4**	**7**	1,041.7	9	598.7	6	618,696.6	491,541.1
SKYLIGHT ENERGY RESOURCES LTD.	61.3%	**1,623.6**	**8**	143.7	44	1,479.9	3	10,343.1	4,190.0
SHININGBANK ENERGY LTD.	88.0%	**1,420.7**	**9**	1,248.2	7	172.5	17	12,981.4	11,824.4
RIDER RESOURCES LTD.	89.4%	**1,278.3**	**10**	1,278.3	6	0.0	E64	10,789.3	12,017.5
HUSKY OIL OPERATIONS LIMITED	70.1%	**1,236.6**	**11**	1,226.7	8	9.9	49	28,641.5	4,130.7
NORTHROCK RESOURCES LTD.	96.1%	**982.6**	**12**	982.6	10	0.0	E64	7,552.0	25,298.2
ARC RESOURCES LTD.	98.1%	**957.5**	**13**	649.5	14	308.0	13	170,936.5	49,563.9
CALPINE CANADA RESOURCES COMPANY	85.9%	**938.1**	**14**	938.1	11	0.0	E64	5,319.4	6,633.2
BRAZEAU NRG LTD.	0.0%	**932.0**	**15**	932.0	12	0.0	E64	732.7	932.0
COMSTATE RESOURCES LTD.	95.4%	**887.4**	**16**	275.1	30	612.3	5	47,133.2	19,322.7
TALISMAN ENERGY INC.	96.9%	**830.5**	**17**	309.1	26	521.4	7	154,668.8	26,963.2
BONTERRA ENERGY CORP.	93.6%	**826.6**	**18**	66.1	58	760.5	4	50,465.3	12,872.0
TOM BROWN RESOURCES LTD.	98.8%	**742.2**	**19**	701.2	13	41.0	32	19,288.0	61,665.9
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	99.3%	**665.0**	**20**	196.1	38	468.9	9	77,697.7	93,387.2
SIGNALTA RESOURCES LIMITED	89.6%	**534.7**	**21**	51.9	68	482.8	8	12,821.8	5,117.9
DERRICK PETROLEUM LTD.	4.3%	**529.5**	**22**	137.1	45	392.4	12	1,714.4	553.3
GRID RESOURCES LTD.	26.3%	**501.0**	**23**	499.8	15	1.2	60	444.9	679.9
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	98.4%	**492.5**	**24**	392.4	20	100.1	24	225,559.3	30,825.1
DEL ROCA ENERG	67.5%	**489.8**	**25**	78.4	55	411.4	11	13,651.2	1,509.0
MURPHY CANADA EXPLORATION COMPANY	96.6%	**481.3**	**26**	16.8	84	464.5	10	17,960.5	14,079.8
EOG RESOURCES CANADA INC.	98.5%	**478.0**	**27**	431.0	16	47.0	30	22,409.7	31,731.5
BP CANADA ENERGY COMPANY	98.8%	**470.3**	**28**	346.1	24	124.2	19	64,965.8	38,560.7
DOMINION EXPLORATION CANADA LTD.	89.6%	**426.1**	**29**	253.3	31	172.8	16	17,645.4	4,095.3
97837 RESOURCES LTD	29.4%	**421.9**	**30**	421.0	17	0.9	61	1,601.2	597.9

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
PRIMEWEST ENERGY INC.	96.7%	413.3	31	413.3	18	0.0	E64	2,835.2	12,368.2
PETROMAN OIL LTD.	44.8%	412.9	32	412.9	19	0.0	E64	653.2	747.4
SEGUE ENERGY CORPORATION	63.0%	368.8	33	368.8	21	0.0	E64	1,835.8	996.1
CEBANX INVESTMENTS INC.	23.5%	367.4	34	367.4	22	0.0	E64	1,030.6	480.1
DEFIANT ENERGY CORPORATION	74.9%	357.8	35	357.8	23	0.0	E64	1,842.0	1,422.7
CHEVRON CANADA LIMITED	99.9%	325.9	36	324.5	25	1.4	57	190,213.3	362,137.8
385417 ALBERTA LTD.	78.3%	310.3	37	198.3	37	112.0	22	7,996.1	1,430.7
CAPTURE RESOURCES CORPORATION	58.6%	299.9	38	299.9	27	0.0	E64	1,071.4	723.8
HUNT OIL COMPANY OF CANADA, INC.	98.6%	295.9	39	295.9	28	0.0	E64	24,413.6	21,195.1
VIRACOCHA ENERGY INC.	8.3%	289.5	40	0.0	E103	289.5	14	6,277.3	315.6
DEVON CANADA	98.9%	276.1	41	276.1	29	0.0	E64	34,088.4	25,291.9
ADANAC OIL & GAS LIMITED	78.3%	243.1	42	243.1	32	0.0	E64	1,871.9	1,119.3
OPTIMUS ENERGY LIMITED	2.4%	239.5	43	239.5	33	0.0	E64	1,436.7	245.5
COMPTON PETROLEUM CORPORATION	97.8%	223.3	44	223.3	34	0.0	E64	73,256.7	10,199.5
CONOCOPHILLIPS CANADA LIMITED	97.6%	222.0	45	204.4	36	17.6	40	11,007.2	9,410.0
PRIMEWEST GAS CORP.	0.0%	208.6	46	208.6	35	0.0	E64	183.9	208.6
ENERPLUS RESOURCES CORPORATION	99.0%	190.5	47	8.3	91	182.2	15	128,213.4	19,249.0
APF ENERGY INC.	97.4%	182.6	48	182.6	39	0.0	E64	19,175.0	6,940.4
PETENCO RESOURCES LTD.	39.8%	178.6	49	178.6	40	0.0	E64	933.5	296.9
ANADARKO CANADA CORPORATION	85.5%	176.5	50	175.8	41	0.7	62	10,341.5	1,218.7
NU-SKY ENERGY INC.	19.9%	174.0	51	172.4	42	1.6	56	4,277.5	217.1
OWL RIVER RESOURCES LTD.	6.8%	168.5	52	168.5	43	0.0	E64	497.4	180.8
VAQUERO ENERGY LTD.	0.0%	163.7	53	94.8	52	68.9	27	236.0	163.7
ULTIMA VENTURES CORP.	0.0%	149.1	54	0.0	E103	149.1	18	976.7	149.1
DIAMOND TREE RESOURCES LTD.	0.0%	139.5	55	30.8	75	108.7	23	457.0	139.5
ACCLAIM ENERGY INC.	97.6%	136.4	56	13.0	86	123.4	20	6,711.9	5,589.8
MANCAL ENERGY INC.	5.0%	127.4	57	127.4	46	0.0	E64	845.6	134.1
RAMIER RESOURCES LTD	52.8%	126.8	58	126.8	47	0.0	E64	1,215.7	268.7
ETHOS ENERGY I	94.0%	125.3	59	125.3	48	0.0	E64	2,840.3	2,104.9
FORTE OIL CORPORATION	96.1%	122.5	60	118.6	49	3.9	54	5,405.3	3,165.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
TORPEDO PETROLEUM CORPORATION	0.0%	116.9	61	116.9	50	0.0	E64	175.2	116.9
DANTEL RESOURCES LTD.	0.0%	112.3	62	0.0	E103	112.3	21	80.8	112.3
CEQUEL ENERGY INC.	98.7%	103.6	63	27.6	77	76.0	26	19,347.0	7,696.2
CONOCOPHILLIPS CANADA RESOURCES CORP.	99.0%	96.7	64	96.7	51	0.0	E64	6,826.4	9,419.7
CANGILD RESOURCES LTD	19.5%	96.1	65	66.9	57	29.2	36	614.3	119.4
QB ENERGY CORPORATION	4.8%	94.2	66	65.5	60	28.7	37	1,079.7	98.9
ADVANTAGE OIL & GAS LTD.	91.1%	90.4	67	48.0	70	42.4	31	9,523.6	1,010.7
ANTERRA RESOURCE SERVICES INC.	94.2%	82.2	68	82.2	54	0.0	E64	5,208.6	1,419.4
SAFFRON ENERGY LTD.	0.0%	79.0	69	0.0	E103	79.0	25	523.1	79.0
ARCHEAN OIL AND GAS LTD.	0.0%	73.8	70	73.8	56	0.0	E64	131.1	73.8
ZARGON OIL & GAS LTD.	98.9%	65.6	71	65.6	59	0.0	E64	15,818.3	6,044.2
ART	0.0%	60.6	72	60.6	61	0.0	E64	170.5	60.6
REVOLUTION ENERGY INC.	0.0%	60.5	73	60.5	62	0.0	E64	291.3	60.5
SUNTEX ENERGY LTD.	60.5%	59.6	74	44.5	71	15.1	45	1,779.4	151.0
PENGROWTH CORPORATION	94.3%	59.6	75	59.6	63	0.0	E64	813.9	1,037.7
DAY ENERGY LTD.	63.9%	59.0	76	58.8	64	0.2	63	3,795.0	163.4
PARA-TECH	0.0%	57.0	77	57.0	65	0.0	E64	591.8	57.0
BREDAL ENERGY CORP.	99.3%	56.8	78	56.8	66	0.0	E64	24,104.5	8,420.0
VIKING HOLDINGS INC.	99.1%	54.8	79	54.8	67	0.0	E64	12,270.5	5,919.1
AURADO RESOURCES CANADA LTD.	52.5%	54.1	80	0.0	E103	54.1	28	2,369.5	114.0
SUNCOR ENERGY INC.	99.2%	54.0	81	20.3	82	33.7	34	2,509.8	6,870.8
SIGA RESOURCES LIMITED	21.5%	52.7	82	12.5	88	40.2	33	496.3	67.1
LEDDY EXPLORATION LIMITED	89.1%	51.4	83	51.4	69	0.0	E64	7,857.7	469.8
MURPHY OIL COMPANY LTD.	0.0%	50.7	84	0.0	E103	50.7	29	133.9	50.7
NATIONAL FUEL EXPLORATION CORP.	50.8%	43.6	85	43.6	72	0.0	E64	1,298.0	88.6
ECLIPSE RESOURCES LTD.	98.9%	42.4	86	42.4	73	0.0	E64	6,149.1	3,978.2
WILLIAMS ENERGY COMPANY LTD.	0.0%	41.4	87	10.8	89	30.6	35	2,003.1	41.4
GEOCAN ENERGY INC.	80.6%	41.4	88	29.4	76	12.0	48	543.0	213.1
SENTRA RESOURCES CORPORATION	97.6%	41.2	89	25.1	78	16.1	43	7,085.3	1,725.4
BULLDOG ENERGY INC.	77.2%	33.2	90	33.2	74	0.0	E64	1,225.0	145.9

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
CANADIAN FOREST OIL LTD.	99.8%	28.5	91	13.0	87	15.5	44	45,135.5	16,525.6
TERRA RICA RESOURCES LTD.	53.5%	27.5	92	0.0	E103	27.5	38	552.3	59.2
VIKING LANDOVER INC.	0.0%	21.8	93	21.8	79	0.0	E64	50.5	21.8
SEPT. RESOURCE	0.0%	20.9	94	20.9	80	0.0	E64	30.7	20.9
PURE OIL & GAS CO LTD	98.7%	20.4	95	20.4	81	0.0	E64	835.3	1,600.6
MUSTANG RESOURCES INC.	0.0%	17.7	96	17.7	83	0.0	E64	173.0	17.7
ENERMARK INC.	0.0%	17.3	97	0.0	E103	17.3	41	69.0	17.3
GRIZZLY HOLDINGS INC.	91.8%	17.2	98	0.0	E103	17.2	42	1,902.2	210.8
ISH ENERGY LTD.	98.7%	16.1	99	16.1	85	0.0	E64	594.5	1,256.4
NORLAKE ENERGY CORP.	93.2%	15.2	100	2.2	94	13.0	46	220.3	223.9
HUEGLER HOLDINGS LTD	0.0%	12.0	101	0.0	E103	12.0	47	1,757.4	12.0
BELAIR ENERGY CORPORATION	0.0%	10.0	102	10.0	90	0.0	E64	130.3	10.0
HORNBECK RESOURCES LTD.	0.0%	9.9	103	1.8	96	8.1	52	589.4	9.9
ADDISON ENERGY INC.	100.0%	9.9	104	0.4	100	9.5	50	9,329.8	25,833.0
TRENTON ENERGY INC.	96.7%	9.1	105	2.8	92	6.3	53	1,489.2	277.7
CHARPET RESOURCES LTD.	0.0%	8.2	106	0.0	E103	8.2	51	516.6	8.2
POWERMAX ENERGY INC.	35.1%	2.4	107	0.0	E103	2.4	55	115.6	3.7
PEARSON RESOURCES LTD.	0.0%	2.3	108	2.3	93	0.0	E64	234.2	2.3
MURELLE ENTERPRISES INC.	99.9%	2.1	109	2.1	95	0.0	E64	621.4	1,455.9
SAMSON CANADA, LTD.	99.8%	1.7	110	1.7	97	0.0	E64	811.3	1,115.4
KENSINGTON ENERGY LTD.	0.0%	1.4	111	1.4	98	0.0	E64	7.4	1.4
COLBY	0.0%	1.2	112	0.0	E103	1.2	59	564.5	1.2
DIRE RESOURCES LTD.	100.0%	0.5	113	0.5	99	0.0	E64	2,904.7	2,001.3
CONDOR RESOURCES INC.	96.9%	0.3	114	0.3	101	0.0	E64	300.5	9.7
LARIO OIL & GAS COMPANY	99.9%	0.1	115	0.1	102	0.0	E64	150.8	147.5
APEX ENERGY (CANADA) INC.	100.0%	0.0	E116	0.0	E103	0.0	E64	1,673.3	986.2
BONAVISTA PETROLEUM LTD.	100.0%	0.0	E116	0.0	E103	0.0	E64	1,429.2	598.8
BUMPER DEVELOPMENT CORPORATION LTD.	100.0%	0.0	E116	0.0	E103	0.0	E64	305.3	3,365.8
CANYON CREEK RESOURCES LTD.	100.0%	0.0	E116	0.0	E103	0.0	E64	1,001.2	532.5
CEDAR ENERGY INC.	100.0%	0.0	E116	0.0	E103	0.0	E64	750.7	6,007.5

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
DRAYTON VALLEY CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
CEPHALON RESOURCE CORPORATION	100.0%	0.0	E116	0.0	E103	0.0	E64	24.9	2.5
CNPC INTERNATIONAL (CANADA) LTD.	100.0%	0.0	E116	0.0	E103	0.0	E64	3,364.8	131.6
CRAZY HILL RESOURCES LTD.	100.0%	0.0	E116	0.0	E103	0.0	E64	1,524.8	416.0
FAIR MOST RESOURCES LTD.	100.0%	0.0	E116	0.0	E103	0.0	E64	2,951.9	1,009.9
KEYSPAN ENERGY CANADA INC.	100.0%	0.0	E116	0.0	E103	0.0	E64	12,317.5	2,812.2
LAND PETROLEUM INTERNATIONAL INC.	100.0%	0.0	E116	0.0	E103	0.0	E64	29.7	0.1
OMERS RESOURCES LIMITED	100.0%	0.0	E116	0.0	E103	0.0	E64	2,801.8	404.9
ONLY GAS & OIL INC.	100.0%	0.0	E116	0.0	E103	0.0	E64	209.5	211.5
PACIFICORP ENERGY CANADA LTD.	100.0%	0.0	E116	0.0	E103	0.0	E64	5,466.8	39,532.6
REAL RESOURCES	100.0%	0.0	E116	0.0	E103	0.0	E64	0.0	653.0
SUNFIRE ENERGY CORPORATION	100.0%	0.0	E116	0.0	E103	0.0	E64	1,445.3	131.4
VINTAGE PETROLEUM CANADA, INC.	100.0%	0.0	E116	0.0	E103	0.0	E64	423.2	534.6
ZAPATA ENERGY CORPORATION	100.0%	0.0	E116	0.0	E103	0.0	E64	147.9	1,308.3
TOTAL FOR DRAYTON VALLEY	**98.1%**	**49,357.2**		**36,704.8**		**12,652.4**		**3,252,965.2**	**2,569,832.3**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
DEVON CANADA	82.4%	13,955.9	1	12,122.1	1	1,833.8	3	311,401.1	79,363.1
ENCANA OIL & GAS PARTNERSHIP	97.2%	6,783.9	2	6,614.4	2	169.5	21	225,611.1	244,253.2
TALISMAN ENERGY INC.	98.2%	6,684.8	3	5,791.7	3	893.1	8	316,461.7	367,768.4
CANADIAN NATURAL RESOURCES LIMITED	94.5%	6,651.7	4	5,693.1	4	958.6	7	173,394.0	120,212.3
NORTHROCK RESOURCES LTD.	88.9%	6,232.1	5	4,476.4	6	1,755.7	5	75,078.0	56,015.5
HUSKY OIL OPERATIONS LIMITED	99.8%	5,402.7	6	3,504.5	9	1,898.2	2	1,138,199.1	2,249,592.8
APACHE CANADA LTD.	94.5%	4,763.1	7	4,379.3	7	383.8	13	481,526.6	86,254.1
ANADARKO CANADA CORPORATION	84.0%	4,665.1	8	1,537.3	23	3,127.8	1	129,229.4	29,239.4
SHELL CANADA LIMITED	88.0%	4,634.4	9	4,634.4	5	0.0	E51	514,401.3	38,506.0
PARAMOUNT RESOURCES LTD.	96.1%	4,578.6	10	3,547.8	8	1,030.8	6	129,392.6	117,365.0
CEQUEL ENERGY INC.	92.6%	3,693.4	11	1,873.4	20	1,820.0	4	21,455.0	50,054.5
MARATHON CANADA LIMITED	99.3%	3,206.0	12	3,206.0	10	0.0	E51	70,660.3	448,201.6
MANCAL ENERGY INC.	11.6%	3,164.9	13	3,156.9	11	8.0	40	57,773.8	3,581.1
DEVLAN EXPLORATION INC.	62.8%	3,093.1	14	3,093.1	12	0.0	E51	61,916.9	8,313.9
COMPTON PETROLEUM CORPORATION	87.7%	3,015.8	15	3,015.8	13	0.0	E51	72,169.0	24,513.1
RIFE RESOURCES LTD.	95.6%	2,642.1	16	2,472.9	15	169.2	22	13,382.3	59,824.0
ENERMARK INC.	97.5%	2,590.9	17	2,578.0	14	12.9	36	82,645.5	105,138.9
PENN WEST PETROLEUM LTD.	85.4%	2,230.7	18	1,918.7	19	312.0	16	60,040.7	15,323.7
NAVIGO ENERGY INC.	76.6%	2,189.6	19	2,189.6	16	0.0	E51	140,935.4	9,345.4
ACCLAIM ENERGY INC.	90.6%	2,176.2	20	2,176.2	17	0.0	E51	18,834.5	23,203.8
TAURUS EXPLORATION CANADA LTD.	97.8%	2,145.3	21	1,851.4	21	293.9	17	105,997.8	96,536.3
PURCELL ENERGY LTD.	77.5%	2,057.7	22	2,057.7	18	0.0	E51	3,130.1	9,142.0
ARC RESOURCES LTD.	98.0%	1,973.9	23	1,746.6	22	227.3	18	182,976.1	100,814.3
SAMSON CANADA, LTD.	74.1%	1,828.0	24	1,353.0	25	475.0	11	18,707.2	7,045.2
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	95.0%	1,698.6	25	1,329.9	27	368.7	15	182,855.0	33,913.6
PROVIDENT ACQUISITIONS INC.	46.7%	1,405.2	26	1,405.2	24	0.0	E51	3,801.2	2,634.8
CHEVRON CANADA LIMITED	99.0%	1,346.6	27	950.0	34	396.6	12	364,494.5	137,048.7
ANKERTON HOLDINGS LTD.	6.9%	1,337.4	28	1,337.4	26	0.0	E51	9,421.3	1,437.1
DEFIANT ENERGY CORPORATION	72.1%	1,269.4	29	1,269.4	28	0.0	E51	802.1	4,554.6
CONOCOPHILLIPS CANADA RESOURCES CORP.	98.0%	1,255.0	30	1,244.5	30	10.5	37	110,743.4	64,214.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	99.8%	1,253.0	31	1,253.0	29	0.0	E51	111,267.0	505,399.0
PRIMEWEST ENERGY INC.	79.3%	1,113.1	32	1,113.1	31	0.0	E51	31,654.9	5,389.5
NCE PETROFUND CORP.	71.4%	1,068.8	33	696.3	36	372.5	14	10,734.3	3,731.8
TORPEDO PETROLEUM CORPORATION	93.0%	1,042.8	34	1,001.7	32	41.1	27	5,775.1	14,877.3
IMPERIAL OIL RESOURCES	99.2%	971.2	35	969.4	33	1.8	45	208,740.7	124,915.2
SIGNALTA RESOURCES LIMITED	8.0%	863.1	36	314.9	46	548.2	10	4,800.6	938.4
MIDNIGHT OIL & GAS LTD.	37.6%	826.6	37	825.4	35	1.2	46	3,039.5	1,325.4
TESSEX ENERGY	4.2%	775.6	38	0.0	E93	775.6	9	849.4	809.2
CAPTURE RESOURCES CORPORATION	0.0%	532.2	39	532.2	37	0.0	E51	2,223.8	532.2
HUNT OIL COMPANY OF CANADA, INC.	0.1%	478.2	40	478.2	38	0.0	E51	1,186.0	478.7
ENTERRA ENERGY CORP.	5.3%	446.7	41	282.9	50	163.8	23	7,599.4	471.7
RUBICON ENERGY CORPORATION	17.3%	436.8	42	436.8	39	0.0	E51	811.5	528.4
RIBBON CREEK RESOURCES INC.	78.8%	406.9	43	406.9	40	0.0	E51	3,920.6	1,923.6
ART	0.0%	402.0	44	402.0	41	0.0	E51	405.5	402.0
VINTAGE PETROLEUM CANADA, INC.	98.8%	386.4	45	345.9	45	40.5	28	120,492.8	32,695.1
RESOLUTE ENERGY INC.	95.4%	373.8	46	373.8	42	0.0	E51	4,414.2	8,213.4
RSX ENERGY INC.	0.0%	369.2	47	369.2	43	0.0	E51	1,654.1	369.2
BONAVISTA PETROLEUM LTD.	98.7%	354.8	48	309.3	47	45.5	26	125,710.0	26,990.2
ARCHEAN ENERGY LTD.	0.0%	350.1	49	350.1	44	0.0	E51	229.6	350.1
SUNCOR ENERGY INC.	99.1%	342.5	50	251.2	53	91.3	24	37,974.6	36,353.3
BEARSPAW PETROLEUM LTD.	85.4%	297.0	51	297.0	48	0.0	E51	41,169.2	2,033.4
CALPINE CANADA RESOURCES COMPANY	97.1%	287.9	52	287.9	49	0.0	E51	17,682.0	9,911.4
PRIMEWEST GAS CORP.	64.2%	261.2	53	251.5	52	9.7	38	3,299.9	729.5
CYPRESS ENERGY	0.0%	257.5	54	257.5	51	0.0	E51	6,257.8	257.5
BP CANADA ENERGY COMPANY	71.9%	251.5	55	248.7	54	2.8	44	2,324.8	893.7
CRISPIN ENERGY INC.	92.5%	246.3	56	246.3	55	0.0	E51	17,037.5	3,279.6
UEI	96.6%	246.2	57	239.8	56	6.4	41	11,486.4	7,336.8
IMPACT ENERGY INC.	81.7%	219.0	58	0.0	E93	219.0	19	2,052.2	1,196.8
NICATA INVESTMENT CORP.	0.0%	209.0	59	209.0	57	0.0	E51	194.4	209.0
GREY WOLF EXPLORATION INC.	48.6%	207.8	60	207.8	58	0.0	E51	2,218.1	403.9

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
VISTA RESOURCES INC.	24.4%	207.7	61	1.9	88	205.8	20	2,078.6	274.9
ADVANTAGE OIL & GAS LTD.	0.0%	202.2	62	202.2	59	0.0	E51	649.1	202.2
POINTWEST ENERGY INC.	33.8%	201.6	63	187.2	61	14.4	34	4,827.1	304.7
BURLINGTON RESOURCES CANADA LTD.	99.8%	198.3	64	189.1	60	9.2	39	53,681.0	105,931.3
SLAVE RIVER EXPLORATION LTD.	96.6%	189.0	65	173.0	64	16.0	32	21,004.4	5,548.8
EXTREME RESOURCES CORPORATION	87.6%	184.2	66	183.6	62	0.6	47	1,292.9	1,491.4
ACCLAIM WEST	98.3%	180.1	67	180.1	63	0.0	E51	21,185.8	10,846.7
DIRHAM CONSTRUCTION LTD.	0.0%	146.4	68	146.4	65	0.0	E51	362.0	146.4
CALAHOO PETROLEUM LTD.	0.0%	130.7	69	130.7	66	0.0	E51	918.4	130.7
ETHOS ENERGY I	95.9%	125.1	70	125.1	67	0.0	E51	8,058.9	3,087.5
WESTHILL RESOURCES LIMITED	10.7%	116.8	71	116.8	68	0.0	E51	1,119.0	130.8
KRANG ENERGY INC.	95.5%	100.6	72	78.9	73	21.7	30	10,660.9	2,255.7
RESPONSE ENERGY CORPORATION	8.2%	89.8	73	89.8	69	0.0	E51	490.9	97.8
COASTAL RESOURCES LIMITED	66.2%	83.2	74	83.2	70	0.0	E51	951.3	246.4
BIGHORN RESOURCES LTD.	0.0%	81.6	75	81.6	71	0.0	E51	315.7	81.6
REVOLUTION ENERGY INC.	98.6%	80.9	76	80.9	72	0.0	E51	1,707.5	5,960.2
GLEN ISLE EXPLORATION LTD.	0.0%	75.0	77	0.0	E93	75.0	25	626.8	75.0
TERRAQUEST ENERGY CORPORATION	93.6%	71.4	78	57.5	75	13.9	35	10,985.3	1,114.8
HIGH POINT RESOURCES INC.	97.6%	70.6	79	45.8	76	24.8	29	9,864.9	2,942.4
INFINITI RESOURCES INTERNATIONAL LTD.	3.2%	64.0	80	64.0	74	0.0	E51	129.9	66.1
GARRAN ENERGY INC.	0.0%	44.5	81	44.5	77	0.0	E51	52.2	44.5
CHIRRIPO RESOURCES INC.	8.0%	21.9	82	21.9	78	0.0	E51	412.2	23.8
GREAT NORTHERN EXPLORATION LTD.	0.0%	19.3	83	19.3	79	0.0	E51	193.5	19.3
TIGER ENERGY LIMITED	0.0%	17.9	84	17.9	80	0.0	E51	238.9	17.9
MORPHEUS ENERGY CORPORATION	0.0%	16.4	85	16.4	81	0.0	E51	29.7	16.4
GLENCOE RESOURCES LTD.	0.0%	16.2	86	0.0	E93	16.2	31	584.5	16.2
NEWHAVEN INVESTMENTS INC.	0.0%	15.0	87	0.0	E93	15.0	33	307.1	15.0
SADDLE RESOURC	0.0%	14.0	88	14.0	82	0.0	E51	737.2	14.0
ZARGON OIL & GAS LTD.	4.3%	13.3	89	8.1	86	5.2	42	1,186.3	13.9
NAL RESOURCES LIMITED	100.0%	12.1	90	12.1	83	0.0	E51	114,845.4	178,469.7

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
GRANDE PRAIRIE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
BELAIR ENERGY CORPORATION	0.0%	11.8	91	11.8	84	0.0	E51	41.9	11.8
T B I	80.8%	10.7	92	10.7	85	0.0	E51	930.9	55.7
REBER EXPLORATION LTD.	0.0%	4.3	93	1.1	89	3.2	43	174.0	4.3
C2 ENERGY INC.	92.8%	4.3	94	4.3	87	0.0	E51	673.4	59.8
TORO ENERGY INC.	50.0%	1.0	95	1.0	90	0.0	E51	217.0	2.0
PIVOTAL ENERGY LTD.	0.0%	0.4	96	0.4	91	0.0	E51	326.8	0.4
CASTLE RIVER RESOURCES LTD.	98.4%	0.4	97	0.4	92	0.0	E51	714.8	25.5
ANDERSON EXPLORATION/HOME OIL	99.9%	0.2	98	0.0	E93	0.2	48	172.8	173.9
EL PASO OIL & GAS CANADA, INC.	100.0%	0.2	99	0.0	E93	0.2	49	594.1	849.0
SHININGBANK ENERGY LTD.	100.0%	0.2	100	0.0	E93	0.2	50	5,624.8	25,234.3
AC ENERGY INC.	100.0%	0.0	E101	0.0	E93	0.0	E51	118.0	4.6
ADDISON ENERGY INC.	100.0%	0.0	E101	0.0	E93	0.0	E51	135.5	1,244.1
BVX	100.0%	0.0	E101	0.0	E93	0.0	E51	170.6	3.3
CALVALLEY PETROLEUM INC.	100.0%	0.0	E101	0.0	E93	0.0	E51	89.7	3,590.5
ENERPLUS RESOURCES CORPORATION	100.0%	0.0	E101	0.0	E93	0.0	E51	37,400.4	9,661.4
FORTUNE ENERGY INC.	100.0%	0.0	E101	0.0	E93	0.0	E51	2,781.4	592.5
KAISER ENERGY LTD.	100.0%	0.0	E101	0.0	E93	0.0	E51	558.5	437.0
LYSE PETROLEUM	100.0%	0.0	E101	0.0	E93	0.0	E51	1,423.6	31,782.6
NU-SKY ENERGY INC.	100.0%	0.0	E101	0.0	E93	0.0	E51	60.7	3.8
RIDER RESOURCES LTD.	100.0%	0.0	E101	0.0	E93	0.0	E51	2.0	12.6
SURAT ENERGY INC.	100.0%	0.0	E101	0.0	E93	0.0	E51	524.7	2,054.0
TERRAPET ENERGY CORP.	100.0%	0.0	E101	0.0	E93	0.0	E51	151.8	3,581.9
WESTBOW ENERGY INC.	100.0%	0.0	E101	0.0	E93	0.0	E51	1,487.1	1,524.8
TOTAL FOR GRANDE PRAIRIE	**97.8%**	**126,772.6**		**107,886.2**		**18,886.4**		**6,188,514.8**	**5,786,852.0**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
PRIMEWEST ENERGY INC.	53.3%	**9,224.1**	**1**	8,578.1	1	646.0	4	196,512.2	19,764.0
HUSKY OIL OPERATIONS LIMITED	84.0%	**8,849.7**	**2**	8,255.2	2	594.5	5	754,868.5	55,465.6
ENCANA OIL & GAS PARTNERSHIP	96.9%	**8,638.7**	**3**	6,464.9	3	2,173.8	1	2,265,246.5	281,191.6
CANADIAN NATURAL RESOURCES LIMITED	92.9%	**5,185.8**	**4**	4,953.9	4	231.9	13	599,276.9	73,418.0
ARC RESOURCES LTD.	38.4%	**4,651.0**	**5**	3,830.6	5	820.4	3	115,050.7	7,548.2
ENERMARK INC.	87.6%	**3,355.7**	**6**	3,037.8	6	317.9	10	142,755.4	26,999.2
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	97.1%	**3,214.8**	**7**	1,801.3	11	1,413.5	2	592,431.4	110,643.3
BONAVISTA PETROLEUM LTD.	87.4%	**2,775.7**	**8**	2,458.9	8	316.8	11	141,603.1	21,979.8
ACANTHUS RESOURCES LTD.	70.6%	**2,466.9**	**9**	2,463.5	7	3.4	46	29,864.8	8,386.7
RIFE RESOURCES LTD.	11.9%	**1,892.8**	**10**	1,885.9	9	6.9	38	21,428.8	2,148.8
VIKING KEYWEST INC.	49.4%	**1,874.3**	**11**	1,874.3	10	0.0	E59	121,954.1	3,700.7
TIVERTON PETROLEUMS LTD.	27.3%	**1,813.1**	**12**	1,663.9	12	149.2	17	13,120.6	2,493.7
ZAPATA ENERGY CORPORATION	12.7%	**1,628.2**	**13**	1,628.2	13	0.0	E59	10,045.8	1,865.8
ETHOS ENERGY I	10.0%	**1,525.2**	**14**	1,525.2	14	0.0	E59	4,107.9	1,694.4
ZARGON OIL & GAS LTD.	6.1%	**1,428.7**	**15**	1,380.3	15	48.4	24	25,723.5	1,522.0
RESOLUTE ENERGY INC.	89.0%	**1,363.3**	**16**	1,357.9	16	5.4	41	29,999.8	12,422.7
CELTIC EXPLORATION LTD.	90.7%	**1,353.9**	**17**	1,304.5	18	49.4	23	24,962.5	14,514.8
RAVENWOOD RESOURCES INC.	52.5%	**1,318.6**	**18**	1,312.2	17	6.4	39	36,974.8	2,774.6
ACCLAIM ENERGY INC.	89.6%	**1,103.8**	**19**	1,059.1	20	44.7	26	101,042.9	10,655.7
GENTRY RESOURCES LTD.	33.9%	**1,080.4**	**20**	1,080.4	19	0.0	E59	4,470.6	1,634.5
NCE PETROFUND CORP.	88.1%	**989.6**	**21**	771.2	23	218.4	14	36,353.7	8,325.1
ACCLAIM WEST	94.3%	**894.5**	**22**	894.5	21	0.0	E59	18,275.7	15,639.5
PENN WEST PETROLEUM LTD.	96.3%	**884.6**	**23**	534.5	25	350.1	8	112,133.2	24,004.2
REAL RESOURCES	92.8%	**873.0**	**24**	838.1	22	34.9	29	34,503.3	12,198.0
DENISON ENERGY INC.	21.2%	**633.7**	**25**	76.1	51	557.6	6	8,684.6	803.7
ANADARKO CANADA CORPORATION	98.7%	**595.7**	**26**	592.8	24	2.9	48	176,880.3	47,623.7
ROCKY MOUNTAIN ENERGY CORP.	98.1%	**504.3**	**27**	0.0	E76	504.3	7	21,062.3	25,982.7
RUSTLER PETROLEUM LTD.	73.6%	**490.7**	**28**	343.0	27	147.7	18	34,929.8	1,860.0
PARAMOUNT RESOURCES LTD.	88.5%	**412.5**	**29**	408.3	26	4.2	43	22,726.2	3,598.3
REGENT RESOURCES LTD.	0.0%	**340.4**	**30**	12.8	63	327.6	9	2,364.3	340.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
PEACOCK ENERGY INC.	27.3%	307.0	31	307.0	28	0.0	E59	1,290.2	422.1
VIRACOCHA ENERGY INC.	42.1%	295.3	32	0.0	E76	295.3	12	2,863.5	509.6
BRIDGETOWN ENE	0.0%	262.4	33	262.4	29	0.0	E59	158.7	262.4
CRISPIN ENERGY INC.	0.0%	253.5	34	253.5	30	0.0	E59	330.5	253.5
PROVIDENT ENERGY LTD.	0.0%	247.4	35	247.4	31	0.0	E59	1,553.9	247.4
DOMINION EXPLORATION CANADA LTD.	58.0%	241.2	36	231.0	32	10.2	36	17,534.3	574.7
CENTRICA CANADA LIMITED	94.6%	222.2	37	219.0	33	3.2	47	2,944.1	4,104.0
CANADIAN SUPERIOR ENERGY INC.	96.6%	214.3	38	20.5	61	193.8	15	6,972.7	6,353.9
CHEVRON CANADA LIMITED	99.4%	213.5	39	213.5	34	0.0	E59	164,652.0	37,281.2
SIGNALTA RESOURCES LIMITED	93.7%	212.3	40	65.1	52	147.2	19	3,835.7	3,351.7
PIVOTAL ENERGY LTD.	70.0%	196.2	41	116.6	42	79.6	20	11,444.3	654.2
OLYMPIA ENERGY INC.	99.0%	183.8	42	183.8	35	0.0	E59	29,884.6	17,661.0
RESOLUTION RESOURCES LTD.	83.3%	182.1	43	116.0	43	66.1	21	3,644.1	1,089.3
STRIDE ENERGY LTD.	0.0%	177.6	44	177.6	36	0.0	E59	4,473.5	177.3
PENGROWTH CORPORATION	43.3%	171.4	45	171.4	37	0.0	E59	766.4	302.1
NEW CENTURY PETROLEUM CORPORATION	0.0%	168.6	46	168.4	38	0.2	56	1,791.7	168.6
PRIDE ENERGY INC.	59.7%	164.5	47	0.0	E76	164.5	16	4,408.6	408.3
SEVENTH ENERGY LTD.	94.0%	162.1	48	162.1	39	0.0	E59	7,075.0	2,683.8
CIRCUMPACIFIC ENERGY CORPORATION	0.0%	154.9	49	154.2	40	0.7	54	5,388.6	154.9
CONOCOPHILLIPS CANADA RESOURCES CORP.	98.8%	150.2	50	114.4	44	35.8	28	9,177.5	12,205.5
LARIO OIL & GAS COMPANY	97.4%	139.2	51	139.2	41	0.0	E59	25,131.4	5,313.3
PROVIDENT ACQUISITIONS L.P.	95.8%	119.5	52	96.2	46	23.3	32	5,597.6	2,874.0
BELAIR ENERGY CORPORATION	99.5%	103.6	53	103.6	45	0.0	E59	16,106.8	20,557.9
ATLAS ENERGY LTD.	0.0%	101.1	54	39.1	56	62.0	22	1,036.7	101.1
THUNDER ENERGY INC.	98.4%	90.1	55	88.3	47	1.8	50	6,719.4	5,701.6
NUVISTA	97.1%	88.7	56	87.9	48	0.8	53	10,551.8	3,017.8
LEXXOR ENERGY INC.	53.8%	86.1	57	86.1	49	0.0	E59	141.1	186.4
BERRY CREEK RESOURCES INC.	91.1%	76.9	58	76.9	50	0.0	E59	263.5	861.2
WINSTAR RESOURCES LTD.	11.5%	59.8	59	44.4	55	15.4	35	4,604.1	67.6
OUTLOOK ENERGY CORP.	19.0%	58.4	60	58.4	53	0.0	E59	533.4	72.1

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
RIDAL RESOURCE LTD.	0.0%	48.0	61	0.0	E76	48.0	25	996.3	48.0
OAKTREE RESOURCES LTD.	0.0%	45.5	62	45.5	54	0.0	E59	90.6	45.5
SUFFIELD RESOURCES INC.	0.0%	36.5	63	0.0	E76	36.5	27	839.9	36.5
PLAYER RESOURCES LTD.	96.0%	29.6	64	0.0	E76	29.6	30	15,204.1	746.2
SOUTH RIDGE MANAGEMENT LTD.	0.0%	29.2	65	29.2	57	0.0	E59	462.6	29.2
VAL VISTA ENERGY INC.	0.0%	28.1	66	0.0	E76	28.1	31	1,711.1	28.1
GLENCOE RESOURCES LTD.	0.7%	27.4	67	27.4	58	0.0	E59	631.1	27.6
MAKAH ENERGY CORPORATION	98.4%	26.1	68	26.1	59	0.0	E59	2,376.7	1,671.9
BCK	0.0%	23.9	69	23.9	60	0.0	E59	119.6	23.9
DEVON CANADA	0.0%	21.6	70	0.0	E76	21.6	33	1,076.9	21.6
MARKWEST RESOURCES CANADA CORP.	0.0%	18.8	71	18.8	62	0.0	E59	5.6	18.8
DIAMOND TREE RESOURCES LTD.	0.0%	17.5	72	0.0	E76	17.5	34	849.0	17.5
GUIDE RESOURCES LTD.	0.0%	11.6	73	11.6	64	0.0	E59	0.0	11.6
SAN JUAN RESOURCES INC.	98.9%	9.6	74	9.6	65	0.0	E59	1,504.6	858.2
INDRA OIL & GAS LTD.	0.0%	8.9	75	6.2	67	2.7	49	794.3	8.9
RACING RESOURCES LTD.	0.0%	7.9	76	0.0	E76	7.9	37	427.3	7.9
FORTE OIL CORPORATION	0.0%	7.0	77	7.0	66	0.0	E59	1,352.8	7.0
ALBERTA PETROLEUM ENERGY LIMITED	0.0%	5.8	78	0.0	E76	5.8	40	1,527.7	5.8
GREAT NORTHERN EXPLORATION LTD.	0.0%	5.3	79	0.0	E76	5.3	42	25.2	5.3
BURLINGTON RESOURCES CANADA LTD.	0.0%	4.9	80	4.9	68	0.0	E59	6.5	4.9
KERR ENERGY LIMITED	98.8%	4.2	81	0.0	E76	4.2	44	15,763.3	361.5
NYCAN ENERGY CORP.	0.0%	3.4	82	0.0	E76	3.4	45	78.6	3.4
APF ENERGY INC.	0.0%	3.2	83	3.2	69	0.0	E59	322.2	3.2
MARKEDON ENERGY LTD.	99.9%	1.6	84	0.0	E76	1.6	51	7,194.7	1,571.6
CEBANX INVESTMENTS INC.	0.0%	1.5	85	1.5	70	0.0	E59	284.8	1.5
PANTERRA ENERGY CORP. LTD.	0.0%	1.2	86	0.0	E76	1.2	52	482.3	1.2
NAL RESOURCES LIMITED	88.0%	1.1	87	1.1	71	0.0	E59	429.6	9.2
POINTWEST ENER	99.9%	1.0	88	1.0	72	0.0	E59	654.8	671.0
HIGH POINT RESOURCES INC.	0.0%	0.8	89	0.7	73	0.1	57	80.1	0.8
PROGRESS ENERGY LTD.	0.0%	0.3	90	0.0	E76	0.3	55	114.2	0.3

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MEDICINE HAT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
ENCANA CORPORATION	0.0%	**0.1**	**91**	0.1	74	0.0	E59	2.2	0.1
RESPONSE ENERGY CORPORATION	0.0%	**0.1**	**92**	0.0	E76	0.1	58	6.0	0.1
NEXEN CANADA LTD.	50.0%	**0.1**	**93**	0.1	75	0.0	E59	76.1	0.2
BVX	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	1,525.8	38.2
C2 ENERGY INC.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	12.5	0.3
CEQUEL ENERGY INC.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	4,845.3	3,554.9
COASTAL RESOURCES LIMITED	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	48.0	322.2
GEODYNE ENERGY PRODUCTION INC.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	135.5	36.2
INVERNESS HYDROCARBONS LTD.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	0.0	5.8
LOMALTA PETROLEUMS LTD.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	511.0	714.2
MARATHON CANADA LIMITED	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	277.7	34.8
NORTHROCK RESOURCES LTD.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	0.0	1,793.0
OPERATIONS MANAGEMENT LIMITED	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	291.1	394.6
RANCHGATE ENERGY INC.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	1,312.0	123.3
SARG OILS LTD.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	683.0	16.8
SILVER BAY RESOURCES LTD	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	1,095.3	560.5
TAURUS EXPLORATION CANADA LTD.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	16.1	2,919.5
TRANS WORLD OIL & GAS LTD	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	5,942.7	1,039.8
TRIUMPH ENERGY	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	5.3	515.9
WESTDRUM ENERGY LTD.	100.0%	**0.0**	**E94**	0.0	E76	0.0	E59	25.6	803.0
TOTAL FOR MEDICINE HAT	**91.9%**	**76,899.4**		**66,609.3**		**10,290.1**		**6,122,447.6**	**947,939.7**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
ENCANA OIL & GAS PARTNERSHIP	99.1%	4,018.7	1	3,485.9	1	532.8	3	566,358.8	447,520.5
VIKING KEYWEST INC.	91.2%	2,761.3	2	2,677.5	2	83.8	18	108,033.9	31,307.6
SHININGBANK ENERGY LTD.	91.0%	2,417.4	3	2,412.8	3	4.6	40	32,012.3	26,927.1
PROVIDENT ACQUISITIONS L.P.	95.3%	1,669.8	4	1,652.0	4	17.8	32	96,285.9	35,674.8
HUSKY OIL OPERATIONS LIMITED	98.4%	1,538.3	5	1,374.0	5	164.3	8	73,250.5	95,241.1
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	97.6%	1,362.5	6	1,246.6	7	115.9	11	52,208.2	56,446.7
BONAVISTA PETROLEUM LTD.	69.5%	1,280.6	7	12.6	69	1,268.0	1	25,112.6	4,204.2
MARATHON CANADA LIMITED	97.2%	1,275.2	8	1,042.0	8	233.2	6	26,074.5	45,273.3
LEXXOR ENERGY INC.	89.2%	1,263.1	9	1,263.1	6	0.0	E52	4,384.3	11,704.2
ZAPATA ENERGY CORPORATION	2.5%	815.4	10	798.3	9	17.1	33	3,453.3	835.9
EMM ENERGY CORPORATION	0.0%	758.0	11	137.6	41	620.4	2	1,453.1	758.0
NAVIGO ENERGY INC.	96.5%	723.9	12	723.3	10	0.6	50	22,198.3	20,632.2
HUNT OIL COMPANY OF CANADA, INC.	93.4%	654.9	13	524.0	13	130.9	10	28,292.1	9,983.0
PROVIDENT ENERGY LTD.	32.3%	623.2	14	623.2	11	0.0	E52	9,661.2	920.5
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	94.3%	584.0	15	242.1	31	341.9	4	122,392.3	10,185.2
VINTAGE PETROLEUM CANADA, INC.	75.7%	582.2	16	582.2	12	0.0	E52	10,527.6	2,399.2
CANADIAN NATURAL RESOURCES LIMITED	98.7%	475.4	17	390.9	17	84.5	15	57,760.7	36,793.9
ESPRIT	0.0%	468.8	18	468.8	14	0.0	E52	599.2	468.8
ACANTHUS RESOURCES LTD.	96.2%	452.3	19	452.3	15	0.0	E52	29,273.6	11,838.2
SIGNALTA RESOURCES LIMITED	8.7%	421.7	20	82.8	54	338.9	5	1,297.0	461.7
GREAT NORTHERN EXPLORATION LTD.	0.0%	400.8	21	394.6	16	6.2	39	2,595.9	400.8
DENISON ENERGY INC.	94.1%	385.3	22	385.3	18	0.0	E52	16,182.4	6,582.7
DEVON CANADA	97.3%	372.6	23	372.6	19	0.0	E52	27,759.0	13,601.2
BP CANADA ENERGY COMPANY	99.4%	351.3	24	351.3	20	0.0	E52	1,274.8	61,442.9
PLAYER RESOURCES LTD.	99.3%	339.7	25	310.4	23	29.3	28	7,726.0	49,237.0
ANADARKO CANADA CORPORATION	99.2%	330.6	26	246.0	30	84.6	14	288,062.8	42,195.7
BEARSPAW PETROLEUM LTD.	96.7%	327.8	27	327.8	21	0.0	E52	28,211.3	9,811.9
APF ENERGY INC.	95.5%	317.7	28	304.2	24	13.5	35	12,194.3	7,075.7
VETERAN RESOURCES INC.	0.0%	313.5	29	313.5	22	0.0	E52	1,883.7	313.5
VIRACOCHA ENERGY INC.	98.6%	310.9	30	249.4	29	61.5	22	46,150.7	21,444.8

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
PROVIDENT ACQUISITIONS INC.	96.9%	296.7	31	278.8	27	17.9	31	12,184.4	9,657.9
LARIO OIL & GAS COMPANY	0.0%	291.4	32	291.4	25	0.0	E52	1,686.3	291.4
ALEXANDER OILFIELD SERVICES LTD.	23.0%	290.6	33	290.6	26	0.0	E52	1,283.7	377.3
EOG RESOURCES CANADA INC.	99.6%	290.3	34	206.0	33	84.3	16	29,972.0	68,525.3
SHANPET RESOURCES LTD.	0.0%	290.1	35	187.6	36	102.5	12	2,325.5	290.1
CRESCENT POINT ENERGY LTD.	97.8%	264.8	36	191.9	35	72.9	20	94,885.2	12,035.7
BURLINGTON RESOURCES CANADA LTD.	0.0%	257.0	37	257.0	28	0.0	E52	356.4	257.0
VERMILION RESOURCES LTD.	62.0%	237.6	38	237.6	32	0.0	E52	1,046.9	626.0
MURPHY OIL COMPANY LTD.	98.5%	215.0	39	183.0	37	32.0	26	11,775.3	14,764.1
ARC RESOURCES LTD.	92.1%	206.1	40	0.0	E79	206.1	7	11,521.2	2,614.1
ARCHEAN OIL AND GAS LTD.	0.0%	202.1	41	202.1	34	0.0	E52	740.7	202.1
NCE PETROFUND CORP.	93.0%	190.7	42	129.1	44	61.6	21	7,863.3	2,705.1
PRIMEWEST ENERGY INC.	99.4%	180.5	43	180.5	38	0.0	E52	9,808.7	31,078.6
PARAMOUNT RESOURCES LTD.	96.4%	176.8	44	165.0	39	11.8	36	3,848.4	4,915.9
CANADIAN FOREST OIL LTD.	99.4%	149.9	45	125.9	46	24.0	30	7,770.1	25,684.9
TALISMAN ENERGY INC.	99.5%	148.7	46	148.7	40	0.0	E52	133,912.2	28,944.4
PENGROWTH CORPORATION	98.2%	133.6	47	133.6	42	0.0	E52	55,409.9	7,288.3
SOGAR RESOURCES LTD.	4.7%	130.9	48	0.0	E79	130.9	9	1,806.5	137.3
TERRAQUEST ENERGY CORPORATION	85.2%	130.9	49	101.5	51	29.4	27	4,804.5	884.9
EPACT EXPLORATION LTD.	0.0%	130.4	50	130.4	43	0.0	E52	460.2	130.4
ACCLAIM ENERGY INC.	95.9%	127.1	51	127.1	45	0.0	E52	19,709.5	3,128.8
C & T RESOURCES LTD	92.6%	121.0	52	121.0	47	0.0	E52	2,430.3	1,634.1
REAL RESOURCES	94.5%	119.0	53	119.0	48	0.0	E52	2,115.3	2,174.5
NAL RESOURCES LIMITED	96.2%	113.6	54	113.6	49	0.0	E52	30,544.2	2,965.7
ENDEV ENERGY INC.	0.0%	108.4	55	107.0	50	1.4	46	292.4	108.4
PETROBANK ENERGY AND RESOURCES LTD.	97.0%	98.9	56	60.0	57	38.9	25	4,372.0	3,305.4
CAL-RANCH RESOURCES INC.	0.0%	92.8	57	92.8	52	0.0	E52	475.8	92.8
CONCERTO RESOURCES LTD.	34.6%	91.6	58	6.6	73	85.0	13	694.4	140.0
ROCKY MOUNTAIN ENERGY CORP.	81.2%	84.2	59	0.0	E79	84.2	17	2,719.8	447.0
DELPHI	98.9%	83.4	60	83.4	53	0.0	E52	4,234.1	7,388.0

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
NORTHROCK RESOURCES LTD.	0.0%	82.5	61	82.5	55	0.0	E52	960.8	82.5
CRISPIN ENERGY INC.	0.0%	75.5	62	75.5	56	0.0	E52	157.1	75.5
HARD ROCK RESOURCES LTD.	6.2%	73.2	63	0.0	E79	73.2	19	1,306.4	78.0
ATLAS ENERGY LTD.	99.1%	67.1	64	57.6	58	9.5	37	3,783.0	7,242.9
PEACOCK ENERGY INC.	0.0%	63.7	65	56.7	59	7.0	38	425.4	63.7
RAPIDFIRE RESOURCES LTD.	77.7%	56.2	66	54.2	60	2.0	45	1,591.8	252.0
FERRYBANK RESOURCES LTD.	37.7%	55.4	67	41.0	61	14.4	34	1,249.3	88.9
RIDAL RESOURCE LTD.	0.0%	47.2	68	0.0	E79	47.2	23	1,201.2	47.2
RISE RESOURCES CORP.	98.2%	46.3	69	0.0	E79	46.3	24	1,723.2	2,633.6
PIVOTAL ENERGY LTD.	89.9%	38.4	70	38.4	62	0.0	E52	1,636.5	380.8
KING ENERGY INC.	93.0%	29.0	71	29.0	63	0.0	E52	112.4	414.3
ENERMARK INC.	98.8%	28.4	72	28.4	64	0.0	E52	2,185.1	2,378.2
SILVER BLAZE ENERGY LTD.	91.9%	27.4	73	0.0	E79	27.4	29	1,125.2	336.8
CANADIAN SUPERIOR ENERGY INC.	99.9%	18.7	74	14.9	68	3.8	41	36,438.1	13,015.0
MIKA RESOURCES LTD	98.1%	18.1	75	18.1	65	0.0	E52	373.9	950.7
INDRA OIL & GAS LTD.	0.0%	17.0	76	17.0	66	0.0	E52	612.4	17.0
MONOLITH OIL CORP.	0.0%	16.1	77	16.1	67	0.0	E52	29.4	16.1
DEVEXCO RESOURCES (1984) LTD.	17.6%	15.9	78	12.3	70	3.6	42	148.1	19.3
ADVANTAGE OIL & GAS LTD.	99.7%	9.7	79	9.7	71	0.0	E52	2,443.7	3,741.6
545279 ALBERTA LIMITED	33.6%	9.1	80	8.0	72	1.1	47	249.1	13.7
COMPTON PETROLEUM CORPORATION	99.6%	6.5	81	6.5	74	0.0	E52	1,292.3	1,768.6
KAISER-FRANCIS OIL COMPANY OF CANADA	96.3%	6.2	82	6.2	75	0.0	E52	1,248.7	167.9
NCE RESOURCES GROUP INC.	0.0%	5.1	83	4.4	76	0.7	48	148.8	5.1
THE LOCKE STOCK & BARREL COMPANY LTD.	60.9%	5.0	84	1.7	77	3.3	44	158.8	12.8
PENN WEST PETROLEUM LTD.	95.4%	3.4	85	0.0	E79	3.4	43	620.3	74.5
ENCANA CORPORATION	0.0%	1.1	86	1.1	78	0.0	E52	81.1	1.1
POCAHONTAS PETROLEUM LTD.	0.0%	0.6	87	0.0	E79	0.6	49	103.8	0.5
EL PASO OIL & GAS CANADA, INC.	100.0%	0.1	88	0.0	E79	0.1	51	196.6	585.3
ACCLAIM WEST	100.0%	0.0	E89	0.0	E79	0.0	E52	169.2	0.0
CALPINE CANADA RESOURCES COMPANY	100.0%	0.0	E89	0.0	E79	0.0	E52	977.4	3,789.9

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
MIDNAPORE CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
CARBON ENERGY CANADA CORPORATION	100.0%	0.0	E89	0.0	E79	0.0	E52	307.7	307.5
CENTRICA CANADA LIMITED	100.0%	0.0	E89	0.0	E79	0.0	E52	788.2	275.3
CONOCOPHILLIPS CANADA RESOURCES CORP.	100.0%	0.0	E89	0.0	E79	0.0	E52	512.8	2,462.1
HORNET ENERGY LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	7,451.3	12,161.1
NATIONAL FUEL EXPLORATION CORP.	100.0%	0.0	E89	0.0	E79	0.0	E52	451.7	23.6
PETENCO RESOURCES LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	230.5	1,451.3
PURE OIL & GAS CO LTD	100.0%	0.0	E89	0.0	E79	0.0	E52	148.0	72.2
RESPONSE ENERGY CORPORATION	100.0%	0.0	E89	0.0	E79	0.0	E52	2,708.4	7,425.5
ROBERTS BAY RESOURCES LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	158.5	425.4
SLS RESOURCES LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	410.3	1,607.0
SPHERE ENERGY CORP.	100.0%	0.0	E89	0.0	E79	0.0	E52	16.8	6.1
STARCHILD ENERGY SYSTEMS LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	12.3	0.8
TOM BROWN RESOURCES LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	371.9	1,943.0
TRIQUEST ENERGY CORP.	100.0%	0.0	E89	0.0	E79	0.0	E52	449.4	212.2
WESTDRUM ENERGY LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	128.8	206.8
WILLIAMS ENERGY COMPANY LTD.	100.0%	0.0	E89	0.0	E79	0.0	E52	2.2	0.0
TOTAL FOR MIDNAPORE	**97.5%**	**33,673.9**		**28,297.6**		**5,376.3**		**2,240,617.4**	**1,361,311.2**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
DEVON CANADA	99.0%	3,170.4	1	2,292.5	2	877.9	1	494,342.0	318,099.8
APACHE CANADA LTD.	98.0%	2,518.8	2	2,432.2	1	86.6	27	60,030.9	128,399.3
NAL RESOURCES LIMITED	99.0%	1,866.9	3	1,847.4	3	19.5	41	220,297.3	194,491.4
PENN WEST PETROLEUM LTD.	99.0%	1,633.2	4	948.8	13	684.4	2	166,556.3	168,580.6
ACCLAIM ENERGY INC.	97.1%	1,565.7	5	1,564.9	4	0.8	78	98,689.1	54,390.0
HUSKY OIL OPERATIONS LIMITED	95.1%	1,537.1	6	1,392.8	5	144.3	19	74,766.5	31,435.6
GLENCOE RESOURCES LTD.	97.6%	1,385.3	7	1,135.4	8	249.9	11	30,464.7	57,991.3
ADDISON ENERGY INC.	98.3%	1,363.6	8	969.2	12	394.4	5	44,149.5	78,553.0
BEARSPAW PETROLEUM LTD.	89.3%	1,250.8	9	1,229.5	6	21.3	40	65,732.2	11,701.9
CANADIAN SUPERIOR ENERGY INC.	85.5%	1,152.3	10	1,151.5	7	0.8	77	5,676.3	7,933.9
CONOCOPHILLIPS CANADA RESOURCES CORP.	99.4%	1,147.0	11	980.0	11	167.0	16	278,217.1	208,475.9
SHININGBANK ENERGY LTD.	97.6%	1,130.9	12	1,123.3	9	7.6	60	18,825.7	46,819.2
NORTHROCK RESOURCES LTD.	97.5%	1,114.2	13	821.1	18	293.1	6	109,293.4	44,956.1
ENCANA OIL & GAS PARTNERSHIP	98.5%	1,085.3	14	1,082.8	10	2.5	70	82,087.5	72,754.8
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	98.8%	1,070.9	15	398.5	37	672.4	3	176,649.1	86,707.1
PETRO-CANADA	99.3%	935.5	16	879.6	15	55.9	37	229,657.2	133,040.4
TERRAPET ENERGY CORP.	34.7%	891.9	17	891.5	14	0.4	81	1,603.3	1,365.1
MARATHON CANADA LIMITED	98.6%	875.1	18	744.0	22	131.1	20	40,505.3	63,076.2
BVX	1.6%	870.1	19	870.1	16	0.0	E88	5,048.9	884.5
FET RESOURCES LTD.	67.2%	823.6	20	823.6	17	0.0	E88	3,634.9	2,508.5
ENTERRA ENERGY CORP.	46.0%	820.2	21	820.2	19	0.0	E88	12,937.4	1,519.4
TAURUS EXPLORATION CANADA LTD.	96.3%	808.4	22	601.4	25	207.0	14	17,273.3	22,073.8
BURLINGTON RESOURCES CANADA LTD.	97.1%	805.5	23	792.9	21	12.6	53	12,455.8	27,635.0
FAIRBORNE ENERGY LTD.	97.8%	802.5	24	802.5	20	0.0	E88	116,285.1	36,583.6
BONAVISTA PETROLEUM LTD.	96.6%	712.5	25	458.0	34	254.5	10	19,041.8	21,107.0
SHANPET RESOURCES LTD.	44.7%	699.0	26	699.0	23	0.0	E88	1,159.3	1,263.5
IMPERIAL OIL RESOURCES	98.9%	660.4	27	144.1	62	516.3	4	134,251.3	59,964.3
TASMAN EXPLORATION LTD.	4.3%	613.4	28	613.4	24	0.0	E88	3,513.3	640.7
ANADARKO CANADA CORPORATION	99.4%	560.1	29	449.9	35	110.2	24	36,715.2	88,201.2
HUNT OIL COMPANY OF CANADA, INC.	85.8%	551.1	30	551.1	26	0.0	E88	4,459.5	3,871.0

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
ESPRIT	96.0%	533.4	31	518.4	28	15.0	46	3,930.9	13,340.4
PRIMEWEST ENERGY INC.	99.3%	529.4	32	459.1	33	70.3	33	17,338.9	76,981.7
CRISPIN ENERGY INC.	54.5%	526.0	33	512.8	29	13.2	50	14,244.7	1,155.3
MONOLITH OIL CORP.	0.0%	518.4	34	518.4	27	0.0	E88	1,708.0	518.4
CANSCOT RESOURCES LTD.	50.7%	497.7	35	497.7	30	0.0	E88	1,723.8	1,009.1
NEW NORTH RESOURCES LTD.	4.7%	481.3	36	475.7	31	5.6	62	318.8	505.2
SIGNALTA RESOURCES LIMITED	90.6%	475.8	37	183.4	55	292.4	7	15,498.1	5,054.0
EPACT EXPLORATION LTD.	0.0%	469.9	38	469.9	32	0.0	E88	294.8	469.9
ARC RESOURCES LTD.	99.6%	445.8	39	368.7	39	77.1	30	144,610.0	107,956.5
ACCLAIM WEST	0.0%	432.4	40	419.3	36	13.1	51	231.3	432.4
TALISMAN ENERGY INC.	98.8%	399.9	41	310.1	44	89.8	26	62,579.1	33,013.1
BLAZE ENERGY LTD.	97.2%	389.7	42	389.7	38	0.0	E88	21,989.5	14,122.6
BELAIR ENERGY CORPORATION	97.0%	384.3	43	267.4	47	116.9	21	4,920.0	12,698.7
CANADIAN NATURAL RESOURCES LIMITED	99.0%	358.0	44	139.5	63	218.5	13	39,678.2	36,126.7
ENERPLUS RESOURCES CORPORATION	98.7%	357.4	45	298.8	45	58.6	35	41,622.5	28,074.8
BAYTEX ENERGY LTD.	92.4%	353.9	46	344.1	40	9.8	56	6,008.5	4,652.3
TORPEDO PETROLEUM CORPORATION	0.0%	334.9	47	334.9	41	0.0	E88	362.2	334.9
GLACIER RIDGE RESOURCES LTD.	0.0%	334.6	48	334.6	42	0.0	E88	212.2	334.6
ENERMARK INC.	98.6%	319.4	49	310.5	43	8.9	58	18,693.0	22,853.7
SOGAR RESOURCES LTD.	95.5%	289.3	50	27.9	97	261.4	8	9,450.7	6,471.1
GREAT NORTHERN EXPLORATION LTD.	95.5%	271.8	51	271.8	46	0.0	E88	25,564.4	5,981.9
NCE PETROFUND CORP.	98.9%	263.3	52	116.7	68	146.6	17	27,985.2	24,219.3
WAKE ENERGY LTD.	0.0%	255.8	53	0.0	E116	255.8	9	151.9	255.8
PEARSON RESOURCES LTD.	7.9%	252.9	54	57.0	84	195.9	15	1,694.8	274.5
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	99.8%	243.8	55	219.6	50	24.2	39	124,301.1	102,724.0
ADVANTAGE OIL & GAS LTD.	99.0%	240.9	56	227.2	49	13.7	48	17,718.2	23,075.0
RAMIER RESOURCES LTD	0.0%	239.1	57	239.1	48	0.0	E88	3,673.9	239.1
CAMINO INDUSTRIES INC.	94.9%	223.1	58	0.0	E116	223.1	12	2,831.2	4,409.5
OWL RIVER RESOURCES LTD.	16.8%	217.4	59	71.2	79	146.2	18	311.2	261.4
TRANSGLOBE ENERGY CORPORATION	93.6%	214.7	60	214.7	51	0.0	E88	2,130.3	3,363.1

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
PARAMOUNT RESOURCES LTD.	94.5%	208.7	61	205.5	52	3.2	69	4,000.8	3,798.0
MERCURY ENERGY CORPORATION	92.5%	204.9	62	204.9	53	0.0	E88	3,898.5	2,737.9
PROVIDENT ACQUISITIONS INC.	0.0%	202.1	63	202.1	54	0.0	E88	2,174.4	202.1
CEQUEL ENERGY INC.	93.9%	172.0	64	152.6	59	19.4	42	2,710.7	2,836.5
CALPINE CANADA RESOURCES COMPANY	98.8%	168.6	65	168.6	56	0.0	E88	27,444.9	14,149.8
LOMALTA PETROLEUMS LTD.	0.0%	167.8	66	167.8	57	0.0	E88	198.5	167.8
HIGHPINE OIL & GAS LIMITED	84.2%	166.4	67	163.2	58	3.2	68	1,040.0	1,052.3
MURPHY CANADA EXPLORATION COMPANY	99.7%	149.6	68	144.5	60	5.1	63	18,763.2	54,085.8
SAMSON CANADA, LTD.	99.2%	146.6	69	69.5	80	77.1	29	18,215.2	18,515.1
TRIQUEST ENERGY CORP.	82.6%	144.2	70	144.2	61	0.0	E88	2,860.0	828.9
CENTENNIAL PETROLEUM COMPANY LTD.	98.8%	137.6	71	133.8	65	3.8	65	14,272.4	11,276.2
CANALTA ENERGY CORPORATION	0.0%	136.4	72	136.4	64	0.0	E88	206.5	136.4
VINTAGE PETROLEUM CANADA, INC.	95.1%	136.3	73	53.4	87	82.9	28	4,694.1	2,762.7
ALTACANADA ENERGY CORP.	0.0%	125.9	74	121.9	67	4.0	64	926.8	125.9
VIKING ENERGY LTD.	0.0%	125.0	75	125.0	66	0.0	E88	733.6	125.0
ROCK ENERGY LTD.	97.5%	115.3	76	0.0	E116	115.3	22	5,247.4	4,561.3
MATO INC.	95.6%	113.6	77	0.0	E116	113.6	23	925.4	2,597.0
NATIONAL FUEL EXPLORATION CORP.	30.2%	107.0	78	107.0	69	0.0	E88	672.9	153.4
MUSTANG RESOURCES INC.	96.6%	106.0	79	89.9	74	16.1	44	7,231.3	3,077.6
ALHAMBRA RESOURCES LTD.	0.0%	102.2	80	0.0	E116	102.2	25	1,648.4	102.2
TRI-MENT CORPORATION LTD.	0.0%	96.0	81	96.0	70	0.0	E88	310.0	96.0
THUNDER ENERGY INC.	94.1%	95.3	82	95.3	71	0.0	E88	8,320.9	1,619.7
COASTAL RESOURCES LIMITED	0.0%	95.2	83	95.2	72	0.0	E88	1,744.2	95.2
ART	72.0%	93.9	84	92.4	73	1.5	74	2,242.6	335.1
COMPTON PETROLEUM CORPORATION	97.5%	93.8	85	56.4	86	37.4	38	9,703.2	3,766.1
SOUTH RIDGE MANAGEMENT LTD.	0.0%	88.3	86	88.3	75	0.0	E88	561.7	88.3
ZARGON OIL & GAS LTD.	93.7%	86.8	87	86.8	76	0.0	E88	3,757.9	1,374.6
BP CANADA ENERGY COMPANY	100.0%	85.3	88	68.2	82	17.1	43	27,413.4	420,563.8
GOLD RIDGE INVESTMENTS CORPORATION	0.0%	77.0	89	0.0	E116	77.0	31	220.7	56.0
PROVIDENT ENERGY LTD.	99.8%	76.1	90	76.1	77	0.0	E88	19,367.5	48,038.4

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
MO'S SUPERVISING & CONSULTING LTD.	0.0%	72.4	91	0.0	E116	72.4	32	270.6	72.4
HORNET ENERGY LTD.	0.0%	72.2	92	72.2	78	0.0	E88	1,156.5	72.2
OMERS RESOURCES LIMITED	0.0%	68.3	93	68.3	81	0.0	E88	221.9	68.3
STOCKWORK PROPERTIES LTD.	26.4%	64.1	94	64.1	83	0.0	E88	134.0	87.1
HIGH PLAINS ENERGY INC.	0.0%	61.8	95	0.0	E116	61.8	34	484.7	61.8
FLOWING ENERGY CORPORATION	43.0%	57.1	96	56.8	85	0.3	83	493.7	100.1
HARD ROCK RESOURCES LTD.	46.3%	56.3	97	0.0	E116	56.3	36	1,272.8	104.8
BALLATER RESOURCES LTD.	90.5%	50.7	98	37.6	91	13.1	52	630.2	534.9
BRAND S RESOURCES LTD.	0.0%	48.4	99	48.4	88	0.0	E88	359.0	48.4
PETROBANK ENERGY AND RESOURCES LTD.	78.3%	46.6	100	32.8	93	13.8	47	2,707.7	214.9
FREEHOLD RESOURCES LTD.	63.1%	41.9	101	41.9	89	0.0	E88	691.5	113.6
TUSK ENERGY INC.	64.8%	40.3	102	40.3	90	0.0	E88	1,801.0	114.5
REAL RESOURCES	0.0%	35.9	103	35.9	92	0.0	E88	437.7	35.9
MARKWEST RESOURCES CANADA CORP.	99.4%	32.9	104	29.3	96	3.6	66	4,489.6	5,907.7
ALEXANDER OILFIELD SERVICES LTD.	49.6%	32.8	105	19.3	103	13.5	49	339.2	65.1
KAISER ENERGY LTD.	80.1%	32.6	106	32.6	94	0.0	E88	1,070.8	163.7
SLAVE RIVER EXPLORATION LTD.	98.4%	31.2	107	31.0	95	0.2	84	254.9	1,913.0
DAY ENERGY LTD.	98.9%	27.3	108	26.8	98	0.5	79	4,073.9	2,480.8
KANTEC PETROLEUM (SOUTHERN) LTD.	99.5%	27.1	109	26.6	99	0.5	80	669.2	4,970.4
ONYX OIL & GAS LTD.	0.0%	25.7	110	25.7	100	0.0	E88	252.0	25.7
PLAINS	93.5%	20.5	111	20.5	101	0.0	E88	2,452.6	314.4
FERRYBANK RESOURCES LTD.	86.8%	20.1	112	20.1	102	0.0	E88	1,466.7	152.5
TOM BROWN RESOURCES LTD.	99.2%	17.9	113	7.1	107	10.8	54	1,894.0	2,258.6
VIKING KEYWEST INC.	99.9%	16.1	114	16.1	104	0.0	E88	119,584.5	20,463.5
CAPSTONE ENERGY LTD.	99.3%	15.7	115	0.0	E116	15.7	45	3,597.1	2,386.9
CENTRICA CANADA LIMITED	91.3%	10.2	116	10.2	105	0.0	E88	235.6	117.1
KOSOWAN HYDROCARBONS LTD.	99.5%	9.9	117	0.0	E116	9.9	55	2,424.4	2,191.4
AVONDALE ENERGY INC.	0.0%	9.1	118	0.0	E116	9.1	57	42.6	9.1
SILVER BLAZE ENERGY LTD.	48.5%	8.7	119	0.0	E116	8.7	59	585.2	16.9
CONTOUR ENERGY LTD.	30.3%	7.6	120	7.6	106	0.0	E88	8.8	10.9

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
155725 CANADA LTD.	99.4%	6.8	121	0.0	E116	6.8	61	690.7	1,224.9
ETHOS ENERGY I	99.8%	6.2	122	6.2	108	0.0	E88	2,180.1	3,973.2
ROCK RIVER RESOURCES LTD.	50.0%	5.6	123	5.6	109	0.0	E88	124.2	11.2
EXCITE ENERGY CORP.	0.0%	5.4	124	5.4	110	0.0	E88	289.1	5.4
MIDNIGHT OIL & GAS LTD.	0.0%	3.8	125	2.7	111	1.1	75	70.3	3.8
LANEX RESOURCES INC.	99.9%	3.3	126	0.0	E116	3.3	67	3,350.9	4,034.5
PATMAC RESOURCES LTD.	0.0%	2.4	127	0.0	E116	2.4	71	704.7	2.4
RISE RESOURCES CORP.	0.0%	1.9	128	0.0	E116	1.9	72	508.1	1.9
ANDERSON EXPLORATION/HOME OIL	0.0%	1.5	129	0.0	E116	1.5	73	55.6	1.5
MILEN'S OILFIELD ENTERPRISES LTD.	99.8%	1.1	130	0.0	E116	1.1	76	371.0	674.4
WESTDRUM ENERGY LTD.	99.8%	1.0	131	1.0	112	0.0	E88	1,217.2	464.6
CASE RESOURCES INC.	100.0%	0.9	132	0.9	113	0.0	E88	49,724.5	13,507.7
SHAPCO RESOURCES LTD.	100.0%	0.8	133	0.8	114	0.0	E88	2,615.2	3,174.2
ALPETRO RESOURCES LTD.	0.0%	0.5	134	0.5	115	0.0	E88	217.4	0.5
MANCAL ENERGY INC.	100.0%	0.4	135	0.0	E116	0.4	82	819.6	2,599.4
RESOLUTE ENERGY INC.	100.0%	0.2	136	0.0	E116	0.2	85	3,183.4	16,490.6
RUBICON ENERGY CORPORATION	0.0%	0.1	137	0.0	E116	0.1	86	2.4	0.1
KYJO RESOURCES LTD.	50.0%	0.1	138	0.0	E116	0.1	87	2.5	0.2
ALTAGAS SERVICES INC.	100.0%	0.0	E139	0.0	E116	0.0	E88	7.2	288.6
CALAHOO PETROLEUM LTD.	100.0%	0.0	E139	0.0	E116	0.0	E88	0.0	1,985.4
CANADIAN FOREST OIL LTD.	100.0%	0.0	E139	0.0	E116	0.0	E88	94.3	222.3
DEVLAN EXPLORATION INC.	100.0%	0.0	E139	0.0	E116	0.0	E88	1,543.8	824.8
ENDEV ENERGY INC.	100.0%	0.0	E139	0.0	E116	0.0	E88	32.9	263.0
GRANDIR RESOURCES LTD.	100.0%	0.0	E139	0.0	E116	0.0	E88	1,607.9	1,646.6
MARKEDON ENERGY LTD.	100.0%	0.0	E139	0.0	E116	0.0	E88	452.5	2,591.4
NEW CENTURY PETROLEUM CORPORATION	100.0%	0.0	E139	0.0	E116	0.0	E88	95.1	20.0
OLYMPIA ENERGY INC.	100.0%	0.0	E139	0.0	E116	0.0	E88	913.1	702.7
POWERMAX ENERGY INC.	100.0%	0.0	E139	0.0	E116	0.0	E88	1,016.2	398.0
PRIMROSE DRILLING VENTURES LTD.	100.0%	0.0	E139	0.0	E116	0.0	E88	310.1	2,890.3
PROGRESS ENERGY LTD.	100.0%	0.0	E139	0.0	E116	0.0	E88	605.9	6,759.8

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
RED DEER CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
RANCHGATE OIL AND GAS LIMITED	100.0%	**0.0**	**E139**	0.0	E116	0.0	E88	2,101.4	627.0
TIVERTON PETROLEUMS LTD.	100.0%	**0.0**	**E139**	0.0	E116	0.0	E88	1,619.9	1,609.9
TRARION RESOURCES LTD.	100.0%	**0.0**	**E139**	0.0	E116	0.0	E88	214.2	631.3
VERMILION RESOURCES LTD.	100.0%	**0.0**	**E139**	0.0	E116	0.0	E88	164.8	850.4
VIKING HOLDINGS INC.	100.0%	**0.0**	**E139**	0.0	E116	0.0	E88	5,546.2	9,383.3
TOTAL FOR RED DEER	**98.4%**	**50,203.3**		**42,048.7**		**8,154.6**		**3,604,158.5**	**3,228,200.1**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
STORM ENERGY LTD.	47.0%	12,599.9	1	10,226.3	1	2,373.6	3	448,928.3	23,758.3
CONOCOPHILLIPS CANADA RESOURCES CORP.	95.9%	9,142.3	2	6,946.4	2	2,195.9	4	575,261.5	222,237.0
PENN WEST PETROLEUM LTD.	97.0%	7,622.7	3	5,887.1	4	1,735.6	5	527,984.3	255,232.5
HUSKY OIL OPERATIONS LIMITED	64.6%	7,149.7	4	3,332.4	7	3,817.3	1	258,039.3	20,203.3
VINTAGE PETROLEUM CANADA, INC.	67.7%	6,271.0	5	6,237.9	3	33.1	49	70,052.7	19,442.3
DEVON CANADA	97.6%	6,000.8	6	5,129.0	6	871.8	7	970,876.2	252,718.0
MARATHON CANADA LIMITED	9.9%	5,694.6	7	5,461.2	5	233.4	19	129,313.4	6,317.3
ANADARKO CANADA CORPORATION	82.2%	4,470.8	8	1,799.4	14	2,671.4	2	423,822.8	25,130.7
ENERMARK INC.	97.6%	3,299.0	9	3,010.5	9	288.5	15	222,149.4	140,125.1
FORTUNE ENERGY INC.	24.1%	3,272.7	10	3,055.2	8	217.5	21	89,796.1	4,313.9
PRIMEWEST ENERGY INC.	92.4%	2,892.4	11	2,892.4	10	0.0	E80	165,188.6	38,145.8
TALISMAN ENERGY INC.	92.2%	2,651.6	12	2,119.3	13	532.3	11	110,974.6	33,990.3
BAYTEX ENERGY LTD.	53.9%	2,628.2	13	2,479.9	11	148.3	29	90,151.6	5,703.8
CANADIAN NATURAL RESOURCES LIMITED	97.0%	2,497.5	14	2,351.0	12	146.5	30	434,584.2	82,421.0
FORTE OIL CORPORATION	14.9%	2,136.6	15	1,171.1	25	965.5	6	64,462.6	2,510.2
CHEVRON CANADA LIMITED	99.5%	1,860.8	16	1,707.4	16	153.4	28	538,325.0	348,403.9
VIKING ENERGY LTD.	13.7%	1,791.3	17	1,788.3	15	3.0	69	27,021.5	2,075.9
BREDAL ENERGY CORP.	62.9%	1,717.2	18	1,654.3	17	62.9	39	15,961.2	4,623.1
NCE PETROFUND CORP.	70.6%	1,655.5	19	1,330.5	21	325.0	14	46,816.3	5,631.4
APACHE CANADA LTD.	98.9%	1,650.6	20	1,238.4	23	412.2	12	763,433.6	148,411.1
ACCLAIM ENERGY INC.	98.9%	1,541.7	21	1,487.7	18	54.0	42	75,038.5	136,748.1
SHININGBANK ENERGY LTD.	93.9%	1,450.2	22	1,447.3	19	2.9	70	22,407.2	23,961.3
THE WISER OIL COMPANY OF CANADA	76.7%	1,415.1	23	1,349.2	20	65.9	38	108,234.5	6,071.8
PARAMOUNT RESOURCES LTD.	96.0%	1,373.0	24	1,143.1	27	229.9	20	40,255.5	33,985.2
REDWATER WATER DISPOSAL COMPANY LIMITED	80.3%	1,280.9	25	1,280.9	22	0.0	E80	4,469.4	6,514.7
MAMA SANTOS HOLDINGS LTD	1.5%	1,211.3	26	1,211.3	24	0.0	E80	3,768.2	1,229.2
FET RESOURCES LTD.	51.7%	1,169.3	27	1,051.1	28	118.2	31	41,154.5	2,420.8
BURLINGTON RESOURCES CANADA LTD.	38.2%	1,146.3	28	1,146.3	26	0.0	E80	5,713.3	1,853.6
ARC RESOURCES LTD.	87.2%	1,117.0	29	449.5	39	667.5	8	83,784.1	8,700.1
COASTAL RESOURCES LIMITED	2.3%	976.5	30	944.1	30	32.4	50	19,550.8	999.8

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
EXXONMOBIL CANADA/EXXONMOBIL RESOURCES	98.9%	948.2	31	945.0	29	3.2	68	256,497.9	90,176.3
ART	7.5%	896.7	32	896.7	31	0.0	E80	563.5	969.3
BOUNTY DEVELOPMENTS LTD.	16.6%	884.5	33	883.0	32	1.5	71	21,396.4	1,060.5
VERMILION RESOURCES LTD.	93.9%	870.1	34	664.5	34	205.6	22	278,176.7	14,372.7
SAMSON CANADA, LTD.	0.0%	869.9	35	476.2	38	393.7	13	9,935.7	869.9
RESPONSE ENERGY CORPORATION	68.4%	862.3	36	662.7	35	199.6	24	30,096.4	2,729.4
PENGROWTH CORPORATION	99.7%	859.6	37	613.9	36	245.7	18	660,118.4	334,781.4
VIKING HOLDINGS INC.	97.9%	829.9	38	821.5	33	8.4	65	20,432.5	39,722.7
BLACKROCK VENTURES INC.	0.0%	688.9	39	73.1	77	615.8	9	59,315.2	688.9
DARK ENERGY LTD.	27.3%	567.2	40	0.0	E121	567.2	10	6,041.0	780.3
NORTHROCK RESOURCES LTD.	95.4%	492.2	41	479.6	37	12.6	60	15,094.1	10,665.8
EPACT EXPLORATION LTD.	0.0%	450.5	42	443.0	40	7.5	66	2,106.1	450.5
BLUE PARROT RESOURCES INC.	85.1%	443.7	43	161.0	58	282.7	16	5,131.9	2,985.7
BONAVISTA PETROLEUM LTD.	98.9%	409.7	44	237.0	48	172.7	26	19,856.1	36,945.4
REGCO PETROLEUMS LTD.	66.0%	386.1	45	386.1	41	0.0	E80	18,517.1	1,136.0
PROGRESS ENERGY LTD.	99.0%	385.7	46	311.1	45	74.6	37	38,233.2	37,191.9
ADVANTAGE OIL & GAS LTD.	94.2%	375.6	47	375.6	42	0.0	E80	21,966.9	6,505.4
EL PASO OIL & GAS CANADA, INC.	97.3%	361.8	48	102.3	71	259.5	17	51,381.1	13,446.8
CENTRICA CANADA LIMITED	95.0%	332.5	49	331.3	43	1.2	74	38,647.0	6,637.8
SIGNALTA RESOURCES LIMITED	32.1%	330.1	50	169.7	56	160.4	27	9,831.8	486.3
ULTIMA VENTURES CORP.	97.5%	318.6	51	318.6	44	0.0	E80	115,379.4	12,573.4
TEMPEST ENERGY CORP.	95.9%	285.2	52	285.2	46	0.0	E80	91,621.3	6,874.6
ERAVISTA ENERGY CORP.	0.0%	271.2	53	271.2	47	0.0	E80	1,538.9	271.2
HOODOO HYDROCARBONS LTD.	0.0%	210.4	54	210.4	49	0.0	E80	831.0	210.4
TAURUS EXPLORATION CANADA LTD.	81.6%	207.8	55	206.6	50	1.2	73	683.5	1,127.1
APF ENERGY INC.	98.1%	206.3	56	206.3	51	0.0	E80	7,782.3	10,758.7
AMERICAN LEDUC PETROLEUMS LIMITED	77.6%	200.7	57	0.0	E121	200.7	23	19,071.3	894.3
439 ACQUISITION CORP.	0.0%	193.0	58	193.0	52	0.0	E80	2,984.9	193.0
GLENCOE RESOURCES LTD.	0.0%	185.4	59	0.0	E121	185.4	25	284.2	185.4
TINHORN RESOURCES LTD.	0.0%	180.2	60	180.2	53	0.0	E80	1,381.3	180.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
LEDDY EXPLORATION LIMITED	95.8%	178.8	61	168.0	57	10.8	61	10,292.8	4,243.0
IMPERIAL OIL RESOURCES	100.0%	177.5	62	177.5	54	0.0	E80	351,788.4	721,591.7
PIVOTAL ENERGY LTD.	28.3%	175.4	63	175.4	55	0.0	E80	3,556.6	244.8
SAFFRON ENERGY LTD.	0.0%	160.0	64	47.7	88	112.3	33	4,066.8	160.0
ETHOS ENERGY I	0.0%	158.6	65	57.5	83	101.1	35	4,024.5	158.6
THUNDER ENERGY INC.	99.2%	151.9	66	151.9	59	0.0	E80	72,401.6	19,659.5
CANADIAN JOREX LIMITED	74.5%	148.3	67	148.3	60	0.0	E80	2,179.5	580.8
RAPTOR CAPITAL CORPORATION	0.0%	140.0	68	23.3	99	116.7	32	3,966.9	140.0
WESTHILL RESOURCES LIMITED	97.6%	137.5	69	137.5	61	0.0	E80	3,086.9	5,773.6
ALPETRO RESOURCES LTD.	0.0%	132.6	70	132.6	62	0.0	E80	5,567.2	132.6
RANGEX RESOURCES LTD.	48.2%	131.7	71	117.3	66	14.4	59	3,609.8	254.1
CNPC INTERNATIONAL (CANADA) LTD.	90.2%	129.8	72	129.8	63	0.0	E80	3,862.4	1,329.8
ENDEV ENERGY INC.	26.1%	118.8	73	118.8	64	0.0	E80	594.2	160.7
SENTRA RESOURCES CORPORATION	0.0%	117.9	74	117.9	65	0.0	E80	576.2	117.9
BARNWELL OF CANADA, LIMITED	37.3%	114.3	75	114.3	67	0.0	E80	3,246.0	182.3
LARIO OIL & GAS COMPANY	82.8%	114.0	76	66.6	78	47.4	45	6,333.7	662.0
PURE OIL & GAS CO LTD	39.7%	108.6	77	108.6	68	0.0	E80	969.7	180.2
GEOCAN ENERGY INC.	12.7%	106.8	78	0.0	E121	106.8	34	2,166.0	122.4
DUVERNAY OIL CORP.	0.0%	104.4	79	104.4	69	0.0	E80	2,565.1	104.4
DYNAMIC OIL & GAS, INC.	96.1%	102.7	80	102.7	70	0.0	E80	25,303.5	2,661.4
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	99.5%	100.9	81	100.9	72	0.0	E80	67,672.0	19,006.8
INTERNATIONAL SOVEREIGN ENERGY CORP.	13.4%	96.7	82	96.7	73	0.0	E80	790.9	111.7
ENCANA OIL & GAS PARTNERSHIP	0.0%	95.0	83	85.3	75	9.7	63	1,221.1	95.0
VIRTUS ENERGY LTD.	91.9%	94.5	84	76.4	76	18.1	55	21,051.5	1,171.1
QUARRY OIL & GAS LTD.	78.9%	85.7	85	85.7	74	0.0	E80	2,698.7	405.9
GLEN ISLE EXPLORATION LTD.	0.0%	84.0	86	0.0	E121	84.0	36	560.8	84.0
CAVELL ENERGY CORPORATION	96.2%	79.2	87	56.5	84	22.7	53	8,811.0	2,097.3
WESTBOW ENERGY INC.	44.5%	78.4	88	47.4	89	31.0	51	3,218.1	141.2
SHAKER RESOURCES INC.	66.7%	75.2	89	22.2	100	53.0	43	1,006.6	225.8
RUSTUM PETROLEUMS LIMITED	0.0%	65.9	90	65.9	79	0.0	E80	2,862.0	65.9

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
RIFE RESOURCES LTD.	88.8%	65.5	91	65.5	80	0.0	E80	2,512.6	585.5
INDRA OIL & GAS LTD.	0.0%	63.1	92	63.1	81	0.0	E80	1,738.3	63.1
VAQUERO ENERGY LTD.	0.0%	62.4	93	0.0	E121	62.4	40	189.2	62.4
SPHERE ENERGY CORP.	0.0%	60.6	94	0.0	E121	60.6	41	344.8	60.6
CALIBURN RESOURCES LTD.	79.7%	57.7	95	57.7	82	0.0	E80	1,009.5	284.9
PETROBANK ENERGY AND RESOURCES LTD.	0.0%	56.0	96	56.0	85	0.0	E80	256.5	56.0
GREAT NORTHERN EXPLORATION LTD.	99.5%	54.0	97	7.3	109	46.7	46	11,045.7	10,392.7
JACO ENERGY LIMITED	95.5%	49.8	98	49.8	86	0.0	E80	3,634.5	1,114.0
981405 ALBERTA LTD.	0.0%	49.7	99	0.0	E121	49.7	44	4.3	49.7
PRINCE RESOURCE CORPORATION	0.0%	49.3	100	49.3	87	0.0	E80	492.1	49.3
ROYAL QUEST RESOURCES LTD.	59.4%	47.9	101	30.2	94	17.7	56	195.4	118.1
SURAT ENERGY INC.	82.8%	46.5	102	46.5	90	0.0	E80	2,282.7	271.0
CANNON OIL & GAS LTD.	0.0%	45.4	103	45.4	91	0.0	E80	201.7	45.4
PROVIDENT ENERGY LTD.	10.7%	44.2	104	0.1	119	44.1	47	1,176.7	49.5
NATIONAL FUEL EXPLORATION CORP.	87.6%	42.9	105	42.9	92	0.0	E80	8,423.3	345.7
NEW NORTH RESOURCES LTD.	0.0%	42.5	106	0.0	E121	42.5	48	1,373.0	42.5
CAPTURE RESOURCES CORPORATION	0.0%	39.7	107	39.7	93	0.0	E80	231.1	39.7
CROSSFIELD GAS CORP.	0.0%	29.6	108	29.6	95	0.0	E80	127.2	29.6
WHITEHALL ENERGY LTD.	0.0%	28.4	109	28.4	96	0.0	E80	980.8	28.4
TRANS WORLD OIL & GAS LTD	0.0%	26.0	110	26.0	97	0.0	E80	1,871.9	26.0
COMSTATE RESOURCES LTD.	97.7%	24.9	111	0.0	E121	24.9	52	2,463.0	1,082.9
MEC OPERATING COMPANY	99.9%	24.7	112	24.7	98	0.0	E80	83,198.3	27,232.5
PATTERSON BROTHERS CONSULTING INC.	0.0%	21.1	113	21.1	101	0.0	E80	766.6	21.1
EXODUS ENERGY LTD.	73.1%	20.0	114	20.0	102	0.0	E80	1,025.7	74.3
TERRA RICA RESOURCES LTD.	59.1%	19.0	115	0.0	E121	19.0	54	719.7	46.5
ADDISON ENERGY INC.	79.9%	17.4	116	1.8	117	15.6	57	977.4	86.7
SLAVE RIVER EXPLORATION LTD.	91.4%	15.9	117	7.5	108	8.4	64	14,751.6	185.3
WAKE ENERGY LTD.	8.0%	14.9	118	14.9	103	0.0	E80	518.5	16.2
BALLATER RESOURCES LTD.	54.4%	14.9	119	0.0	E121	14.9	58	2,114.0	32.7
DGS OIL & GAS CO. INC.	0.0%	13.1	120	13.1	104	0.0	E80	864.0	13.1

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
RICHANN CONTRACT OPERATORS LTD.	0.0%	12.6	121	2.3	115	10.3	62	1,592.5	12.6
REAL RESOURCES	99.7%	12.2	122	12.2	105	0.0	E80	1,770.7	4,503.8
NAVIGO ENERGY INC.	99.4%	10.7	123	10.7	106	0.0	E80	15,008.8	1,937.1
PURCELL ENERGY LTD.	99.0%	10.2	124	10.2	107	0.0	E80	0.0	1,055.7
KENSINGTON ENERGY LTD.	0.0%	6.0	125	6.0	110	0.0	E80	78.8	6.0
EUROGAS CORPORATION	0.0%	5.7	126	5.6	111	0.1	79	69.6	5.7
VAL VISTA ENERGY INC.	98.8%	5.3	127	5.3	112	0.0	E80	1,418.7	443.0
HILLSDALE DRILLING LTD.	0.0%	4.8	128	0.0	E121	4.8	67	1,085.9	4.8
DOMINION EXPLORATION CANADA LTD.	0.0%	3.2	129	3.2	113	0.0	E80	141.1	3.2
PETAL RESOURCES LTD.	96.8%	2.5	130	2.5	114	0.0	E80	883.9	78.8
DEVLAN EXPLORATION INC.	100.0%	2.2	131	2.2	116	0.0	E80	13,315.5	7,298.0
BEAVER LAKE RESOURCES CORPORATION	89.6%	1.4	132	1.4	118	0.0	E80	517.4	13.4
EASTNELL RESOURCES LTD.	0.0%	1.2	133	0.0	E121	1.2	72	7.6	1.2
ALKA RESOURCES LTD.	93.4%	1.1	134	0.0	E121	1.1	75	198.7	16.6
CANOR ENERGY L	0.0%	1.0	135	0.0	E121	1.0	76	21.6	1.0
155725 CANADA LTD.	99.6%	0.4	136	0.0	E121	0.4	77	243.0	106.5
INTERNATIONAL COLIN ENERGY CORPORATION	0.0%	0.2	137	0.0	E121	0.2	78	375.1	0.2
KEY WEST OIL &	50.0%	0.1	138	0.1	120	0.0	E80	0.0	0.2
ALTAGAS SERVICES INC.	100.0%	0.0	E139	0.0	E121	0.0	E80	0.0	1.7
AREA I RECLAIMING LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	628.0	42.9
BIGHORN RESOURCES LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	473.0	130.5
BISON RESOURCES LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	228.8	619.7
BOLT ENERGY LT	100.0%	0.0	E139	0.0	E121	0.0	E80	0.0	139.4
CALPINE CANADA RESOURCES COMPANY	100.0%	0.0	E139	0.0	E121	0.0	E80	7,432.0	447.7
CEQUEL ENERGY INC.	100.0%	0.0	E139	0.0	E121	0.0	E80	820.7	1,455.8
DENISON ENERGY INC.	100.0%	0.0	E139	0.0	E121	0.0	E80	410.0	23.7
LAND PETROLEUM INTERNATIONAL INC.	100.0%	0.0	E139	0.0	E121	0.0	E80	1.5	0.1
LEXOIL INCORPORATED	100.0%	0.0	E139	0.0	E121	0.0	E80	1,030.3	13.2
LOCKWOOD RESOURCES LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	0.0	58.8
MISTAHIYA RESOURCES LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	1,966.5	76.3

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKING BY SOLUTION GAS FLARED+VENTED - 2002[1]
ST. ALBERT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000 M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000 M^3$)	FLARE RANK	GAS VENTED ($1000 M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000 M^3$)
NORTHERN CROWN RESOURCES LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	16.8	796.1
POINTWEST ENER	100.0%	0.0	E139	0.0	E121	0.0	E80	931.5	88.6
SAWTOOTH INTERNATIONAL RESOURCES INC.	100.0%	0.0	E139	0.0	E121	0.0	E80	5,204.5	2,471.5
SOUTHWARD ENERGY LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	0.0	9,620.9
TORPEDO PETROLEUM CORPORATION	100.0%	0.0	E139	0.0	E121	0.0	E80	575.9	6.4
ZARGON OIL & GAS LTD.	100.0%	0.0	E139	0.0	E121	0.0	E80	112.0	0.0
TOTAL FOR ST. ALBERT	**96.5%**	**118,983.5**		**95,872.7**		**23,110.8**		**9,004,517.3**	**3,355,601.8**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
HUSKY OIL OPERATIONS LIMITED	63.7%	33,781.4	1	4,301.2	4	29,480.2	1	1,842,910.9	92,937.1
DEVON CANADA	69.5%	14,253.9	2	27.4	60	14,226.5	2	338,061.5	46,673.2
TALISMAN ENERGY INC.	67.7%	13,972.7	3	4,590.5	3	9,382.2	6	711,353.2	43,314.3
NEXEN CANADA LTD.	51.4%	13,872.6	4	0.0	E82	13,872.6	3	113,198.3	28,533.3
CANADIAN NATURAL RESOURCES LIMITED	40.1%	13,626.9	5	175.1	36	13,451.8	4	435,604.9	22,760.7
ENCANA OIL & GAS PARTNERSHIP	74.3%	12,595.5	6	2,416.2	11	10,179.3	5	879,773.7	49,002.0
ENERMARK INC.	65.8%	10,163.4	7	5,636.0	1	4,527.4	7	361,937.1	29,683.4
APACHE CANADA LTD.	80.9%	7,768.3	8	5,083.0	2	2,685.3	9	172,989.8	40,579.3
NCE PETROFUND CORP.	63.4%	5,227.6	9	4,165.8	5	1,061.8	12	153,276.4	14,293.9
PENN WEST PETROLEUM LTD.	66.1%	5,023.6	10	4,066.2	6	957.4	13	237,911.9	14,812.7
MURPHY OIL COMPANY LTD.	91.7%	3,218.1	11	223.3	31	2,994.8	8	85,403.4	38,560.5
LEXXOR ENERGY INC.	0.0%	3,204.1	12	3,204.1	7	0.0	E64	60,142.7	2,611.7
WESTCASTLE ENERGY INC.	43.6%	3,141.4	13	3,141.4	8	0.0	E64	103,053.1	5,571.4
BONAVISTA PETROLEUM LTD.	71.3%	3,048.4	14	2,884.5	9	163.9	22	221,887.6	10,612.4
ENTERRA ENERGY CORP.	31.1%	2,689.2	15	2,689.2	10	0.0	E64	55,556.2	3,902.9
VIKING HOLDINGS INC.	92.9%	2,381.8	16	2,381.8	12	0.0	E64	307,232.9	33,423.1
CONNACHER OIL AND GAS LIMITED	9.0%	2,300.8	17	216.8	32	2,084.0	10	18,765.5	2,527.9
BAYTEX ENERGY LTD.	3.0%	1,550.3	18	1,547.7	13	2.6	49	26,245.3	1,597.8
VIRACOCHA ENERGY INC.	33.3%	1,492.7	19	1,492.7	14	0.0	E64	49,308.1	2,236.8
ZAPATA ENERGY CORPORATION	8.6%	1,466.8	20	1,336.5	15	130.3	25	29,183.9	1,604.0
PETROVERA RESOURCES LIMITED	62.9%	1,243.9	21	26.2	61	1,217.7	11	55,416.9	3,355.2
TIVERTON PETROLEUMS LTD.	60.9%	1,207.2	22	1,207.2	16	0.0	E64	10,231.1	3,085.6
TAURUS EXPLORATION CANADA LTD.	93.6%	1,153.6	23	1,120.7	17	32.9	34	35,676.2	18,112.5
ATLAS ENERGY LTD.	27.6%	1,059.0	24	1,024.1	18	34.9	33	13,313.6	1,462.7
HARVEST OPERATIONS CORP.	95.3%	1,015.6	25	756.5	21	259.1	18	727,717.4	21,396.0
CRESCENT POINT ENERGY LTD.	58.9%	993.7	26	993.7	19	0.0	E64	49,557.3	2,419.0
REAL RESOURCES	88.8%	971.1	27	931.9	20	39.2	32	112,436.0	8,661.8
DOMINION EXPLORATION CANADA LTD.	97.5%	718.2	28	711.1	22	7.1	42	39,032.5	29,081.3
ENERPLUS RESOURCES CORPORATION	12.4%	663.0	29	25.9	63	637.1	14	12,388.8	757.2
PROVIDENT ENERGY LTD.	83.6%	483.7	30	13.5	67	470.2	15	234,896.9	2,945.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
VIRTUS ENERGY LTD.	0.0%	440.6	31	440.6	23	0.0	E64	8,941.9	440.6
INTERNATIONAL SOVEREIGN ENERGY CORP.	3.2%	425.1	32	0.0	E82	425.1	16	16,583.9	439.1
RIVAL	78.4%	424.8	33	424.8	24	0.0	E64	27,312.1	1,969.4
ERAVISTA ENERGY CORP.	12.0%	414.2	34	414.2	25	0.0	E64	17,985.8	470.7
GEOCAN ENERGY INC.	21.5%	381.4	35	84.1	48	297.3	17	6,531.8	485.9
NEW CENTURY PETROLEUM CORPORATION	25.5%	344.5	36	344.5	26	0.0	E64	6,093.5	462.5
LOMALTA PETROLEUMS LTD.	84.5%	324.3	37	224.0	30	100.3	27	45,682.8	2,089.3
E3 ENERGY INC.	0.0%	324.1	38	324.1	27	0.0	E64	14,736.1	324.1
GREAT NORTHERN EXPLORATION LTD.	97.1%	285.1	39	76.7	52	208.4	20	34,555.9	9,681.3
CANADIAN FOREST OIL LTD.	63.3%	278.2	40	191.9	34	86.3	28	30,086.0	758.8
CALPINE CANADA RESOURCES COMPANY	95.0%	274.2	41	110.7	42	163.5	23	21,724.1	5,462.0
SIGNALTA RESOURCES LIMITED	25.3%	264.3	42	264.3	28	0.0	E64	2,006.0	353.9
RANCHGATE ENERGY INC.	11.7%	257.8	43	257.1	29	0.7	59	1,244.9	291.8
KRANG ENERGY INC.	42.9%	248.0	44	0.0	E82	248.0	19	1,232.6	434.3
ACCLAIM ENERGY INC.	96.2%	196.2	45	63.9	55	132.3	24	22,833.2	5,105.5
THE WISER OIL COMPANY OF CANADA	98.9%	195.6	46	26.0	62	169.6	21	72,890.3	17,771.1
QUARRY OIL & GAS LTD.	81.2%	193.7	47	193.7	33	0.0	E64	26,080.5	1,028.5
FISH CREEK RESOURCES INC.	63.5%	189.6	48	189.6	35	0.0	E64	12,000.3	519.1
MURIAS ENERGY CORPORATION	8.3%	175.8	49	165.9	37	9.9	39	4,072.5	191.8
RANCHGATE OIL AND GAS LIMITED	0.0%	150.0	50	85.6	46	64.4	29	10,668.4	150.0
ARCHEAN OIL AND GAS LTD.	0.0%	146.4	51	146.4	38	0.0	E64	1,969.6	146.4
ULTIMA VENTURES CORP.	95.3%	132.2	52	109.8	43	22.4	35	17,248.8	2,810.6
FLOWING ENERGY CORPORATION	38.6%	129.1	53	129.1	39	0.0	E64	3,782.3	210.3
RESPONSE ENERGY CORPORATION	0.0%	122.7	54	7.7	69	115.0	26	965.7	122.7
EOG RESOURCES CANADA INC.	0.0%	118.3	55	118.3	40	0.0	E64	697.5	118.3
ENERGY NORTH INC.	96.3%	112.6	56	112.6	41	0.0	E64	11,274.5	3,045.8
RUBICON ENERGY CORPORATION	0.0%	103.4	57	101.8	44	1.6	51	9,957.0	103.4
CEQUEL ENERGY INC.	97.1%	98.9	58	94.1	45	4.8	46	43,992.8	3,353.9
TAKU GAS LIMITED	79.5%	84.2	59	84.2	47	0.0	E64	11,102.2	410.9
PROVIDENT ACQUISITIONS INC.	96.0%	80.3	60	80.3	49	0.0	E64	16,173.4	2,014.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED (1000 M^3)	GAS FLARED+VENTED RANK	GAS FLARED (1000 M^3)	FLARE RANK	GAS VENTED (1000 M^3)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD (1000 M^3)
KOBI RESOURCES LTD.	95.7%	77.9	61	77.9	50	0.0	E64	3,633.8	1,820.7
EPACT EXPLORATION LTD.	0.0%	76.8	62	76.8	51	0.0	E64	338.7	76.8
TESORO ENERGY CORP.	86.6%	69.2	63	69.2	53	0.0	E64	3,863.9	515.7
NAL RESOURCES LIMITED	23.2%	68.7	64	68.7	54	0.0	E64	351.7	89.5
RIFE RESOURCES LTD.	96.8%	49.0	65	38.1	56	10.9	37	112,330.7	1,521.8
NORTHROCK RESOURCES LTD.	97.8%	46.5	66	25.3	64	21.2	36	19,716.3	2,122.2
PROGRESS ENERGY LTD.	0.0%	44.6	67	0.0	E82	44.6	30	463.0	44.6
BARCOMP PETROLEUM LTD.	0.0%	42.4	68	0.0	E82	42.4	31	9,511.6	42.4
FIRST ALBERTA PETROLEUM LIMITED	0.0%	37.5	69	37.5	57	0.0	E64	4,044.1	37.5
SHACKLETON EXPLORATION LTD.	66.9%	35.1	70	35.1	58	0.0	E64	1,251.8	106.2
BURLINGTON RESOURCES CANADA LTD.	98.8%	32.3	71	32.3	59	0.0	E64	63,377.1	2,676.5
ZARGON OIL & GAS LTD.	97.6%	25.1	72	25.1	65	0.0	E64	5,368.3	1,062.4
948152 ALBERTA LTD.	0.0%	20.0	73	20.0	66	0.0	E64	1,165.3	20.0
EUROGAS CORPORATION	81.2%	10.9	74	0.2	81	10.7	38	2,313.9	58.1
CONOCOPHILLIPS CANADA ENERGY PARTNERSHIP	64.6%	10.1	75	6.9	70	3.2	48	248.3	28.5
REVOLUTION ENERGY INC.	13.6%	8.9	76	1.0	74	7.9	41	172.3	10.3
NAL VENTURES INC.	0.0%	8.8	77	8.8	68	0.0	E64	101.1	8.8
877029 ALBERTA LTD.	0.0%	8.0	78	0.0	E82	8.0	40	2,334.0	8.0
PRIMEWEST ENERGY INC.	0.0%	6.6	79	0.0	E82	6.6	43	469.1	6.6
ADVANTAGE OIL & GAS LTD.	83.9%	6.6	80	0.0	E82	6.6	44	1,455.5	41.1
T & E OILS LTD.	83.9%	6.3	81	6.3	71	0.0	E64	1,530.8	39.1
LARIO OIL & GAS COMPANY	0.0%	5.7	82	5.7	72	0.0	E64	266.0	5.7
AVORD OIL & GAS LTD	95.4%	5.6	83	0.8	76	4.8	45	11,090.8	122.1
HIGH POINT RESOURCES INC.	0.0%	4.4	84	0.9	75	3.5	47	805.1	4.4
ACANTHUS RESOURCES LTD.	18.4%	4.0	85	2.6	73	1.4	54	178.5	4.9
AVENIR OIL & GAS CORP.	0.0%	2.1	86	0.6	77	1.5	52	877.4	2.1
APF ENERGY INC.	40.0%	1.8	87	0.0	E82	1.8	50	617.0	3.0
NCE RESOURCES GROUP INC.	0.0%	1.5	88	0.0	E82	1.5	53	40.9	1.5
EMM ENERGY CORPORATION	0.0%	1.2	89	0.0	E82	1.2	55	243.2	1.2
GRAND RAPIDS PETROLEUM LTD.	0.0%	1.2	90	0.0	E82	1.2	56	716.2	1.2

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.

FIELD CENTRE RANKINGS BY SOLUTION GAS FLARED+VENTED - 2002[1]
WAINWRIGHT CRUDE OIL AND CRUDE BITUMEN BATTERIES
RUN DATE : 11-Aug-03

COMPANY	GAS CONS	GAS FLARED+VENTED ($1000\ M^3$)	GAS FLARED+VENTED RANK	GAS FLARED ($1000\ M^3$)	FLARE RANK	GAS VENTED ($1000\ M^3$)	VENT RANK	OIL PROD (M^3)	SOLN GAS PROD ($1000\ M^3$)
DAGUR RESOURCES INC.	0.0%	1.1	91	0.0	E82	1.1	57	251.3	1.1
FOX CREEK PETROLEUM CORP.	99.4%	1.1	92	0.0	E82	1.1	58	1,067.3	190.5
TRANS WORLD OIL & GAS LTD	0.0%	1.0	93	0.6	78	0.4	61	240.8	1.0
SEFFIAN PETROLEUMS LTD.	0.0%	0.5	94	0.0	E82	0.5	60	149.9	0.5
OASIS PETROLEUM LTD.	97.0%	0.5	95	0.5	79	0.0	E64	2,180.3	16.7
KAISER-FRANCIS OIL COMPANY OF CANADA	0.0%	0.4	96	0.4	80	0.0	E64	179.4	0.4
NORTHERN UTILITIES (SASK.) LTD.	33.3%	0.4	97	0.0	E82	0.4	62	417.5	0.6
ENDLESS ENERGY CORP.	99.7%	0.4	98	0.0	E82	0.4	63	83.1	147.3
APEX ENERGY (CANADA) INC.	100.0%	0.0	E99	0.0	E82	0.0	E64	238.6	619.0
COLDSTREAM ENERGY LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	733.1	305.3
DELPHI	100.0%	0.0	E99	0.0	E82	0.0	E64	7,327.0	631.9
DEPAR MANAGEMENT LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	1,041.1	7.1
EXODUS ENERGY LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	4,499.0	228.6
FRASER OIL & GAS LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	518.9	34.0
HALVAR RESOURCES LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	12,640.3	176.0
HIGHVIEW RESOURCES LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	14.0	512.1
JACO ENERGY LIMITED	100.0%	0.0	E99	0.0	E82	0.0	E64	96.7	0.9
LOCKWOOD RESOURCES LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	0.0	2,747.7
OMERS ENERGY INC.	100.0%	0.0	E99	0.0	E82	0.0	E64	303.1	1,031.0
TUDOR CORPORATION LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	148.8	71.9
UNICORN AGRI-OIL LTD.	100.0%	0.0	E99	0.0	E82	0.0	E64	545.5	9.9
VINTAGE PETROLEUM CANADA, INC.	100.0%	0.0	E99	0.0	E82	0.0	E64	184.0	0.0
WESTERRA	100.0%	0.0	E99	0.0	E82	0.0	E64	96.2	0.0
TOTAL FOR WAINWRIGHT	**73.7%**	**171,928.3**		**61,797.5**		**110,130.8**		**8,276,721.8**	**654,497.5**

An 'E' prefix to the RANK category indicates equal ranking in that category.

[1] Caution is required when comparing to last year's report due to corporate mergers, acquisitions and divestments.